

CABLES EXTENSIONS INDEX

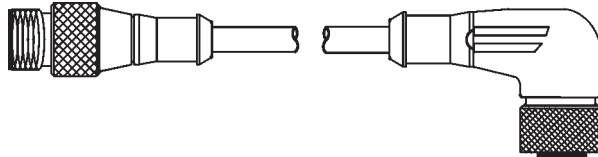
Euro-style M12(male) TO M12(female)

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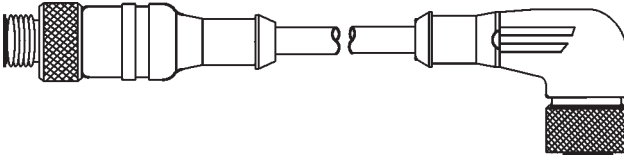
Euro-style M12(male) TO M12(female right angle)

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Euro-style M12(male) TO M12(female right angle with LED)

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Euro-style M12(male) TO M8(female)

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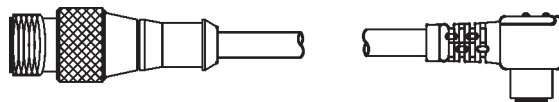
Euro-style M12(male) TO M8(female)

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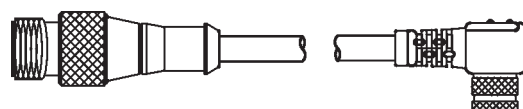
Euro-style M12(male) TO M8(female right angle) with LED

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Euro-style M12(male) TO Pico-style M8(female) with LED

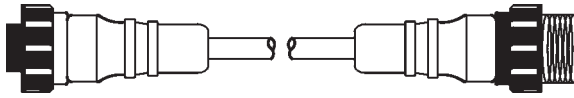
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CABLES EXTENSIONS INDEX

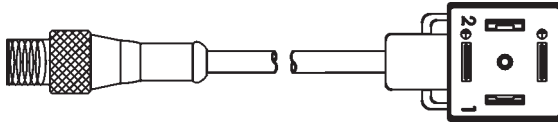
Mine-style M20 (female) TO Mine-style M20 (male with screw- lock)

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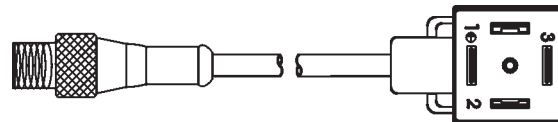
Euro-style M12 (male) TO Valve connector (with LED)

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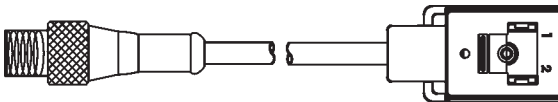
Euro-style M12 (male) TO Valve connector (with LED)

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Euro-style M12 (male) TO Valve connector (with LED)

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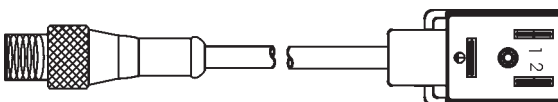
Euro-style M12 (male) TO Valve connector (with LED)

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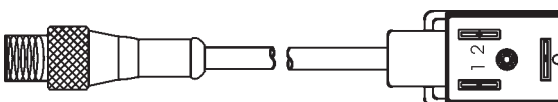
Euro-style M12 (male) TO Valve connector (with LED)

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Euro-style M12 (male) TO Valve connector (with LED)

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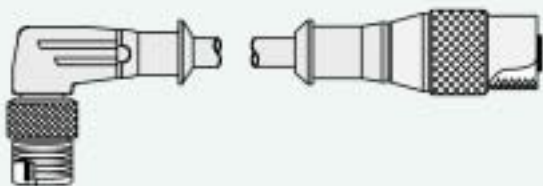
CABLES EXTENSIONS INDEX



Euro-style M12 To Valve Connector with LED



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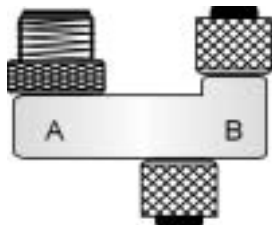


Multi-connector

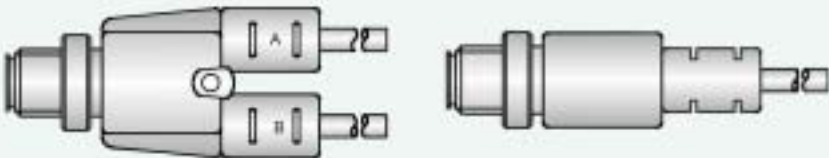
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Hard-Shell Connectors

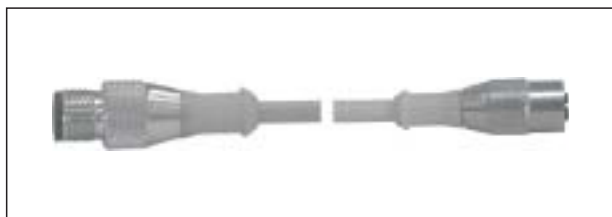


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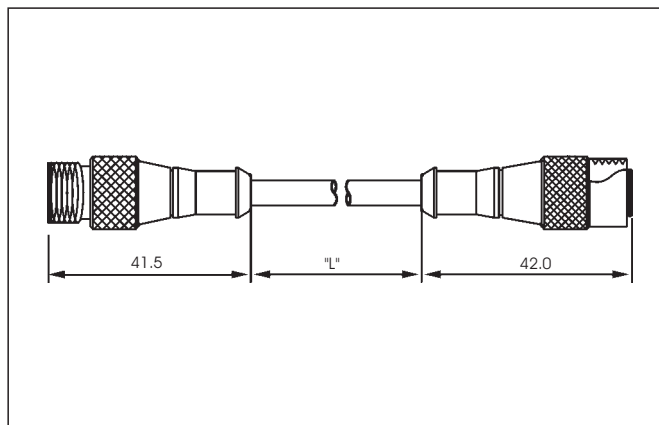
CABLE EXTENSIONS,IP68(M12 TO M12)

View



- Cable Extensions
- Male euro-style (M12)
screw locking with (auto)
securing safety nut
- Female euro-style (M12)
Screw locking with (auto)
securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040

(-25 °C /+90 °C /<100%rF)

Body: TPU,self-extinguishing
PUR,(Polyurethane)

Nominal Power: 4A

Nominal Voltage: 250VAC/300VDC

Securing Safety Nut: Nickel plated brass

Protection: IP68,NEMA 6P
(only in full locked position)

Shock: IEC-68-2-27

Contact Resistance: $\leq 5m\Omega$

Dielectric Withstanding

Voltage: 2KVAC RMS/60sec

Insulation Resistance: $>10^9\Omega$

CSA certified: 219967

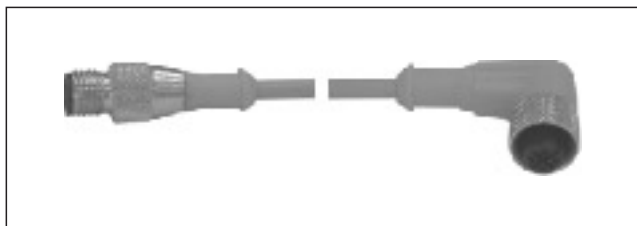
Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	ϕ mm	Material
R-MS3TZV062 + R-FS3TZV062	3		1=brown 3=blue 4=black	0.34mm ²	42x ϕ 0.10	5.0	PVC
R-MS3TZV062 + R-FS4/3TZV062	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x ϕ 0.10	5.0	PVC
R-MS4/3TZV062 + R-FS4/3TZV062	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x ϕ 0.10	5.0	PVC
R-MS4TZV072 + R-FS4TZV072	4		1=brown 2=white 3=blue 4=black	0.25mm ²	32x ϕ 0.10	5.0	PVC
R-MS5TZU822 + R-FS5TZU822	5		1=brown 2=white 3=blue 4=black 5=gray	0.50mm ²	16x ϕ 0.20	6.0	PUR

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

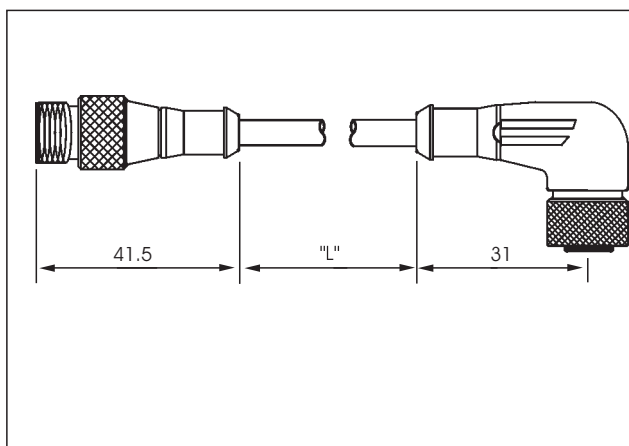
CABLE EXTENSIONS,IP68(M12 TO M12)

View



- Cable Extensions
- Male euro-style (M12) screw locking with (auto) securing safety nut
- Female plug (M12) right angle style screw locking with (auto) securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040
 (-25 °C / +90 °C / ≤ 100%rF)
 Body: TPU, self-extinguishing
 Nominal Power: 4A
 Nominal Voltage: 250VAC/300VDC
 Securing Safety Nut: Nickel plated brass
 Protection: IP68, NEMA 6P
 (only in full locked position)

Shock: IEC-68-2-27
 Vibration: IEC-68-2-6
 Contact Resistance: ≤ 5m Ω
 Dielectric Withstanding
 Voltage: 2KVAC RMS/60sec
 Insulation Resistance: > 10⁹ Ω
 CSA certified: 219967

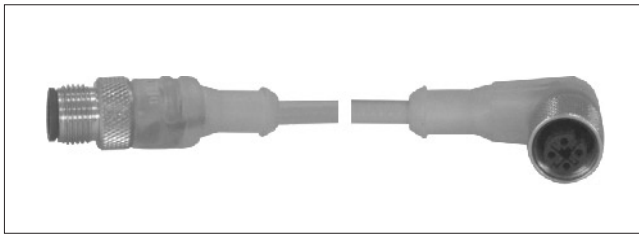
Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS3TZY042 + R-FA3TZY042	3		1=brown 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PUR/PVC
R-MS3TZV062 + R-FA4/3TZV062	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC
R-MS4/3TZV062 + R-FA4/3TZV062	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC
R-MS4TZY872 + R-FA4TZY872	4		1=brown 2=white 3=blue 4=black	0.25mm ²	32x φ 0.10	5.0	PUR/PVC
R-MS4TZV072 + R-FA4TZV072				0.25mm ²	32x φ 0.10		PVC
R-MS5TZU822 + R-FA5TZU822	5		1=brown 2=white 3=blue 4=black 5=gray	0.50mm ²	16x φ 0.20	6.0	PUR

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

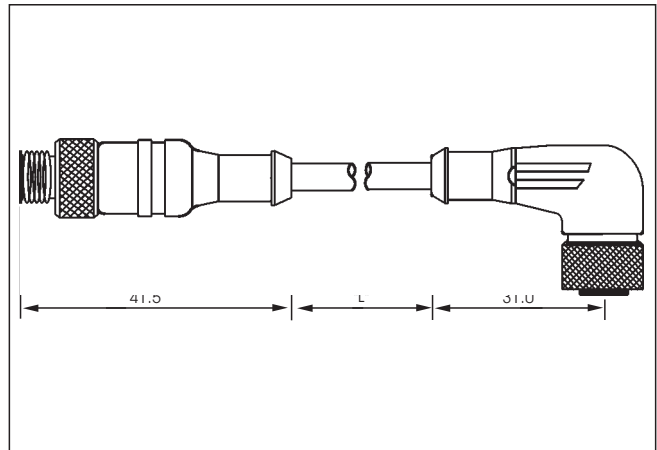
CABLE EXTENSIONS,IP68(M12 TO M12)

View



- Cable Extensions
- Male euro-style (M12) screw locking with (auto)securing safety nut
- Female euro-style (M12) right angle style screw locking with (auto)securing safety nut with built-in LED-operation and function indicators

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040
(-25 °C / +90 °C / ≤ 100%rF)

Body: TPU, self-extinguishing
PUR(Polyurethane)

Nominal Power: 4A

Nominal Voltage: 10-30 VDC

Securing Safety Nut: Nickel plated brass

Protection: IP68, NEMA 6P
(only in fully locked position)

Insertion Force (Contact): ≤ 2N(.45 LBS)

Withdrawal Force (Contact): ≥ 5N(.11 LBS)

Shock: IEC-68-2-27

Vibration: IEC-68-2-6

Contact Resistance: ≤ 5m Ω

Insulation Resistance: >10⁹ Ω

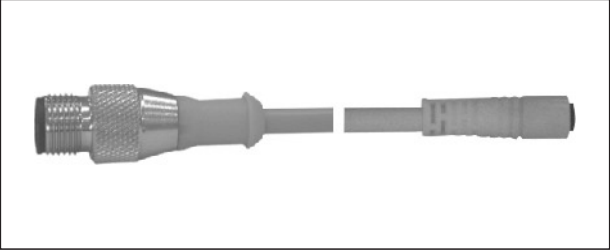
Catalog Number

Part-No	Poles	Face view male/female	Color code	Conductors		Outer Jacket		Circuit LED-indicator
				Gauge	Stranding	φ mm	Material	
R-MS3TPY042 + R-FA3TPY042A	3		1=brown 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PUR/PVC	A type Pnp-normally open =yellow-green
R-MS3TPV062 + R-FA4/3TPV062A	3		1=brown 2=- 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC	
R-MS4/3TPV062 + R-FA4/3TPV062A	3		1=brown 2=- 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC	
R-MS4TPY872 + R-FA4TPY872F	4		1=brown 2=white 3=blue 4=black	0.25mm ²	32x φ 0.10	5.0	PUR/PVC	F type pnp-normally closed/open =yellow-green
R-MS4TPV072 + R-FA4TPV072F							PVC	
R-MS4TPY872 + R-FA4TPY872P	4		1=brown 2=white 3=blue 4=black	0.25mm ²	32x φ 0.10	5.0	PUR/PVC	P type pnp-normally closed/open =yellow-yellow-green
R-MS4TPV072 + R-FA4TPV072P							PVC	

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

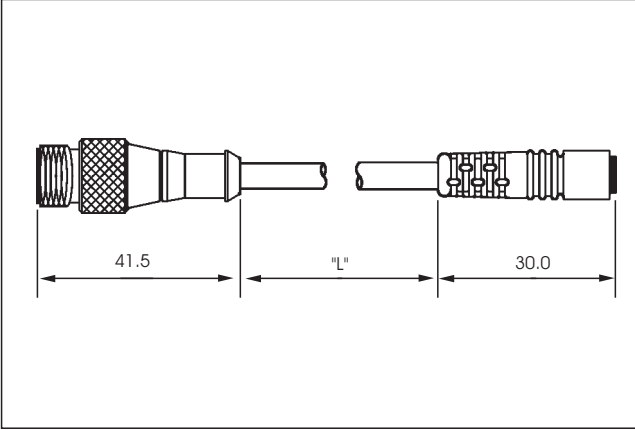
CABLE EXTENSIONS,IP68(M12 TO M8)

View

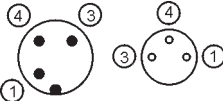


- Cable Extensions
- Male euro-style (M12) screw locking with (auto) securing safety nut
- Female pico-style (M8) snap-in device

Dimensional data

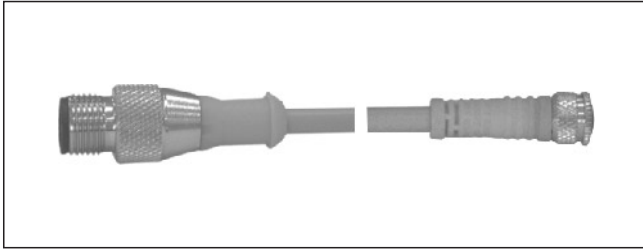


Technical Data			
Application Class:	HNAacc to 40040(-25°C/+90°C<100%rF)	Protection:	IP68,NEMA6P (only in fully locked position)
Moulded Body:	TPU self-extinguishing PUR(Polyurethane)	Insertion Force(contact):	≤ 2N(.45 LBS)
Contact:	Cuzn, pre-nickeled and 0.8microns gold-plated	Withdrawal Force(contact):	≥ 5N (.11 LBS)
Insert:	PUR(Plugs)	Shock:	IEC-68-2-27
Nominal Power:	4A	Vibration:	IEC-68-2-6
Nominal Voltage:	60VAC/75VDC	Contact Resistance:	≤ 5mΩ
Locknut:	Nickel plated brass	Insulation Resistance:	> 10 ⁹ Ω
		CSA certified:	219967

Catalog Number							
Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS3TZV062 + C-FS3NZV062	3		1=brown 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC
R-MS4/3TZV062 + C-FS3NZV062	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC
Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.							

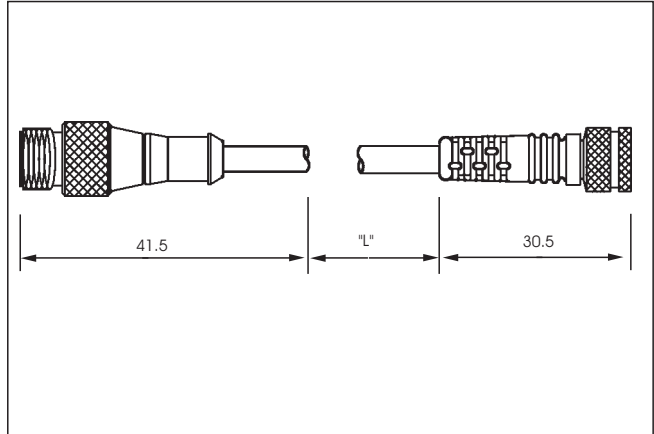
CABLE EXTENSIONS,IP68(M12 TO M8)

View



- Cable Extensions
- Male euro-style (M12) screw locking with (auto) securing safety nut
- Female pico-style (M8) screw locking with (auto) securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc to 40040(-25°C/+90°C<100%rF)
 Moulded Body: TPU self-extinguishing
 Nominal Power: 4A
 Nominal Voltage: 60VAC/75VDC
 Contact: CuZn,pre-nickel and 0.8microns gold-plated

Securing Safety Nut: Nickel plated brass
 Body: TPU,self-extinguishing
 Protection: IP68
 Insulation Group: C acc.to VDE 0110
 Insulation Resistance: >10⁹ Ω
 CSA certified: 219967

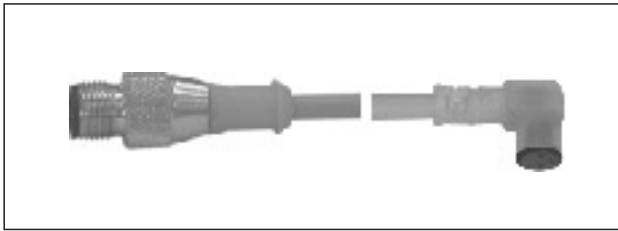
Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS3TZV062 + C-FS3TZV062	3		1=brown 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC
R-MS4/3TZV062 + C-FS3TZV062	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

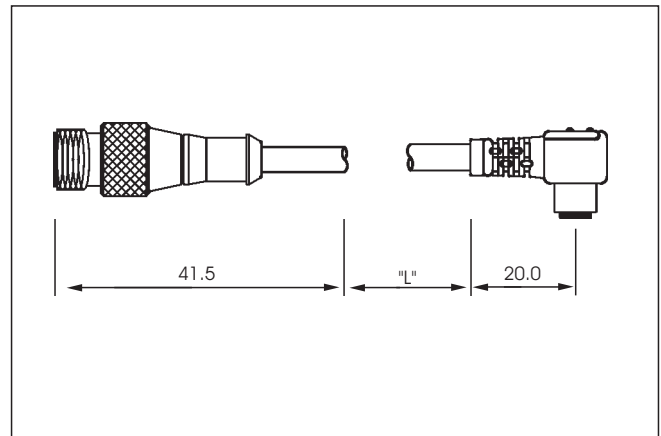
CABLE EXTENSIONS,IP68(M12 TO M8)

View



- Cable Extensions
- Male euro-style (M12) screw locking with (auto) securing safety nut
- Female pico-style (M8) snap-in device right angle style with built-in LED-operation and function indicators

Dimensional data



Technical Data

Application Class: HNA acc to 40040(-25°C/+90°C<100%rF)
 Moulded Body: TPU self-extinguishing
 Nominal Power: 4A
 Nominal Voltage: 10-30 VDC
 Contact: CuZn, pre-nickel and 0.8microns gold-plated

Securing Safety Nut: Nickel plated brass
 Body: TPU, self-extinguishing
 Protection: IP 68
 Insulation Group: C acc.to VDE 0110
 Insulation Resistance: $>10^9 \Omega$

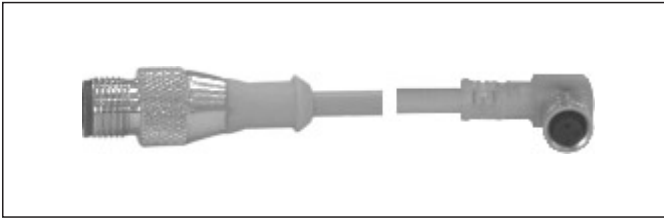
Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket		Circuit LED-indicator
				Guage	Stranding	ϕ mm	Material	
R-MS3TZV062 + C-FA3NPV062	3		1=brown 3=blue 4=black	0.34mm ²	42x ϕ 0.10	5.0	PVC	pn-p normally open =yellow-green
R-MS4/3TZV062 + C-FA3NPV062	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x ϕ 0.10	5.0	PVC	pn-p normally open =yellow-green

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

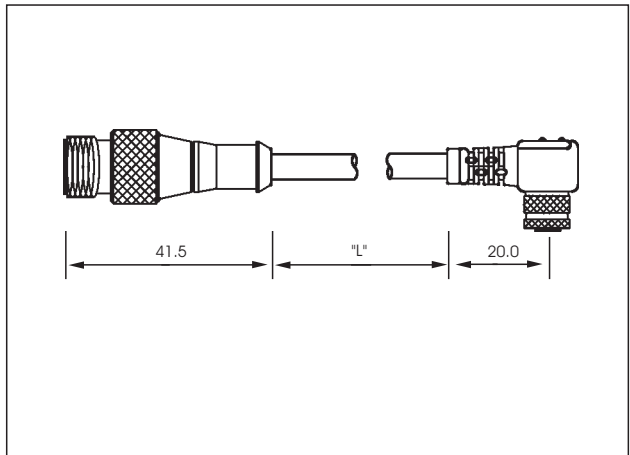
CABLE EXTENSIONS,IP68(M12 TO M8)

View



- Cable Extensions
- Male euro-style(M12) screw locking with(auto)securing safety nut
- Female pico-style (M8) right angle style screw Locking with(auto)securing safety nut with built-in LED-operation and function indicators

Dimensional data



Technical Data

Application Class: HNE acc.to DIN 40040
(-25 °C /+90 °C / ≤ 75%rF)

Moulded Body: TPU self-extinguishing

Nominal Power: 4A

Nominal Voltage: 10-30 VDC

Contact: CuZn,pre-nickel and
0.8microns gold-plated

Body: TPU,self-extinguishing

Securing Safety Nut: Nickel plated brass

Protection: IP 68

Insulation Group: C acc.to VDE 0110

Insulation Resistance: >10⁹ Ω

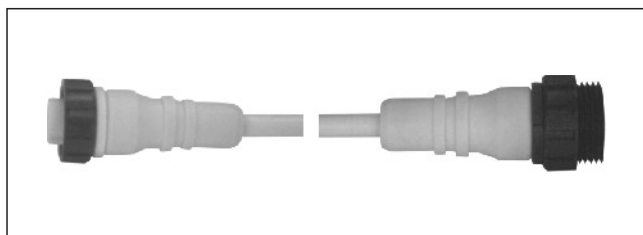
Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket		Circuit LED-indicator
				Guage	Stranding	φ mm	Material	
R-MS3TZV062 + C-FA3TPV062	3		1=brown 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC	pn-p-normally open =yellow-green
R-MS4/3TZV062 + C-FA3TPV062	3		1=brown 2=- 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC	pn-p-normally open =yellow-green

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

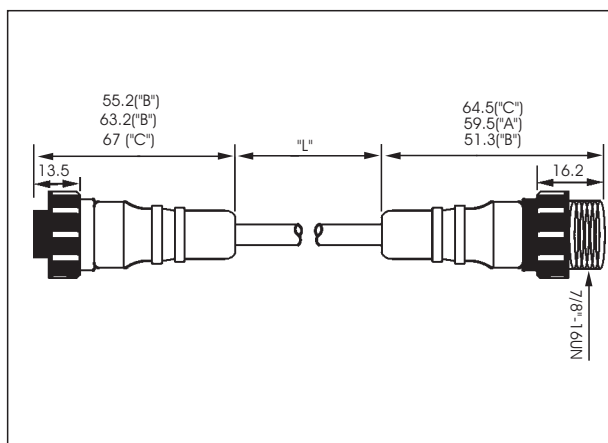
CABLE EXTENSIONS,IP68(M20 TO 20)

View



- Mini-style (female) screw locking with (auto) securing safety nut
- Cable Extensions
- Orange
- Mini-style (male) with screw-lock and moulded cable

Dimensional data



Technical Data

Application Class: GNA acc. To DIN 40040
(-40 °C / +90 °C / ≤ 100%rF)

Moulded Body: TPU self-extinguishing

Nominal Power: 12A

Nominal Voltage: 250VAC

Locknut: Plastic

Contact: CuZn, 3 microns silver-plated
and 0.25 microns gold-plated

Insertion Force/Contact: ≥ 3N

Withdrawal Force/Contact: ≥ 3N

Protection: IP 68

Water Pressure Resistance: 10 bar

Insulation Group: C acc. to VDE 0110

Contact Resistance: ≤ 5mΩ

Test Voltage: 2+3poles, 2.0 KV eff./60s./

4+5poles, 1.5 KV eff./60s.

Insulation Resistance: >10⁹Ω

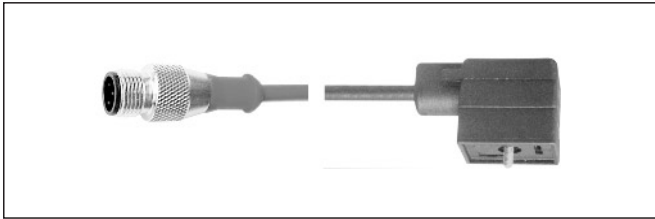
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
Z-FS3PAV032+ Z-MS3PAV032	3		1=brown 2=black 3=blue	0.75mm ²	22x φ 0.20	7.2	PVC
Z-FS4PAV422+ Z-MS4PAV422	4		1=brown 2=white 3=blue 4=black	0.50mm ²	16x φ 0.20	6.3	PVC
Z-FS5PAV022+ Z-MS5PAV022	5		1=black 2=blue 3=yellow/green 4=brown 5=white	0.50mm ²	16x φ 0.20	6.8	PVC
Z-FS6KAV442+ Z-MS6KAV442	6		1=black 2=blue 3=yellow 4=brown 5=white 6=green	0.50mm ²	16x φ 0.20	6.8	PVC

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

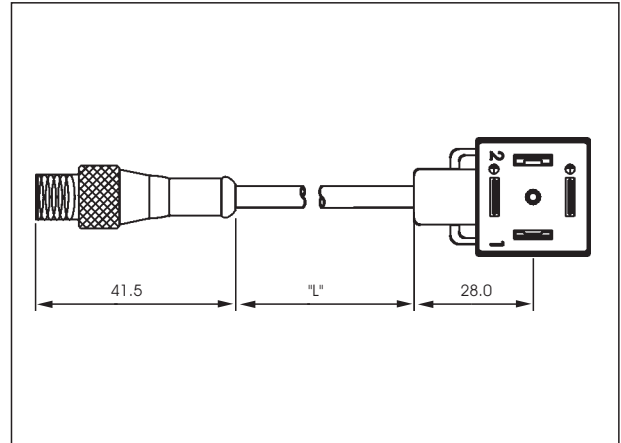
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Cable extensions
- Euro-style (m12)
- Screw locking with(auto) securing Safety nut
- Valve connector according to DIN43650
- Construction type A/ISO 4400
- With built-in LED and varistor for voltage protection connected protective earth

Dimensional data



Technical Data

Application Class: -20 °C to +80 °C
 Nominal Power: 5A
 Nominal Voltage: 24 VAC/DC
 Securing Safety Nut: Nickel plated brass
 Protection Class: IP67 NEMA 4 rated

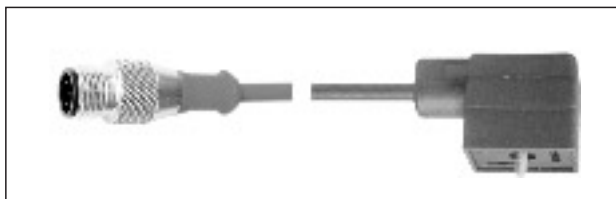
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS5/3TZY052 + V-FANAVY052	5		1 = - 2 = - 3 = blue 4 = brown 5 = green/yellow	0.50mm ²	16x φ 0.20	5.5	PUR/PVC
R-MS5/3TZV552 + V-FANAVV552			1 = brown 2 = blue ⊕ = green/yellow	0.50mm ²	16x φ 0.20	5.0	PVC irradiated

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

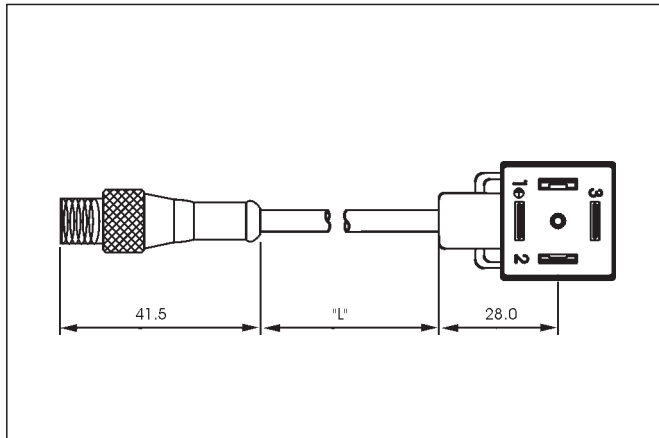
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Cable Extensions
- Euro-style(M12)
- Screw locking with (auto) securing safety nut/valve connector according to DIN 43650
- Construction type A/ISO4400
- With 2 colour LED for pressure switch with changeover contact

Dimensional data



Technical Data

Application Class: -20 °C to +80 °C

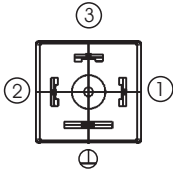
Nominal Power: 5A

Nominal Voltage: 24 VAC/DC

Securing Safety Nut: Nickel plated brass

Protection Class: IP67 NEMA 4 rated

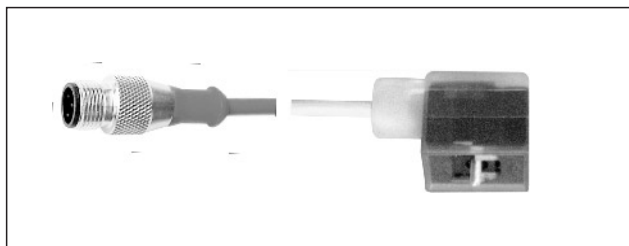
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS5TZU822 + V-FAZATU522	5		1 = brown 2 = white 3 = blue 4 = black 5 = green/yellow	0.50mm ²	16x φ 0.20	6.0	PUR
			1 = brown 2 = white 3 = black LED = blue ⊕ = green/yellow				

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

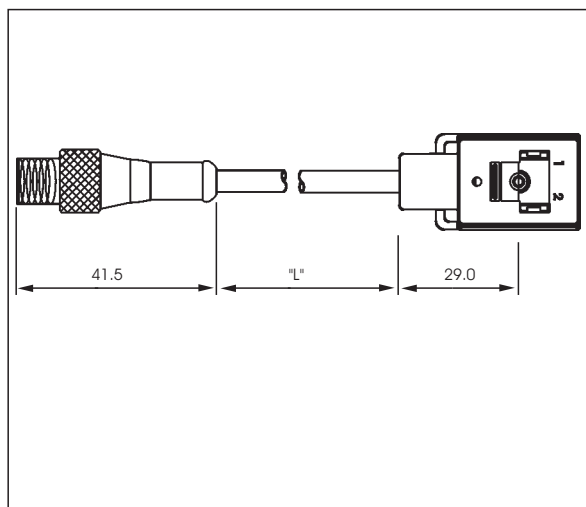
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Cable Extensions
- Euro-style(12)
- Screw locking with (auto) securing safety nut/valve connector according To DIN 43650
- Construction type B
- With built-in LED and varistor for voltage protection

Dimensional data



Technical Data

Application Class: -20 °C to +80 °C
 Nominal Power: 5A
 Nominal Voltage: 24 VAC/DC
 Securing Safety Nut: Nickel plated brass
 Protection Class: IP67 NEMA 4 rated

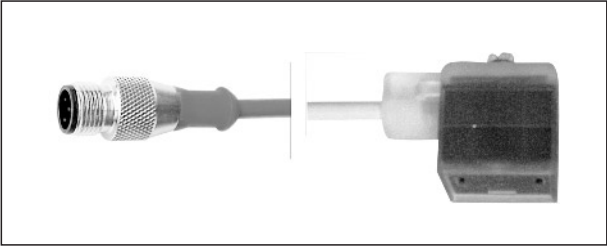
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Gauge	Stranding	φ mm	Material
R-MS5/3TZY052 + V-FAZBVY052	5		1 = - 2 = - 3 = blue 4 = brown 5 = green/yellow	0.50mm ²	16x φ 0.20	5.5	PUR/PVC
R-MS5/3TZV782 + V-FAZBVV552			1 = brown 2 = blue ⊕ = green/yellow	0.34mm ²	42x φ 0.10	5.0	PVC irradiated

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

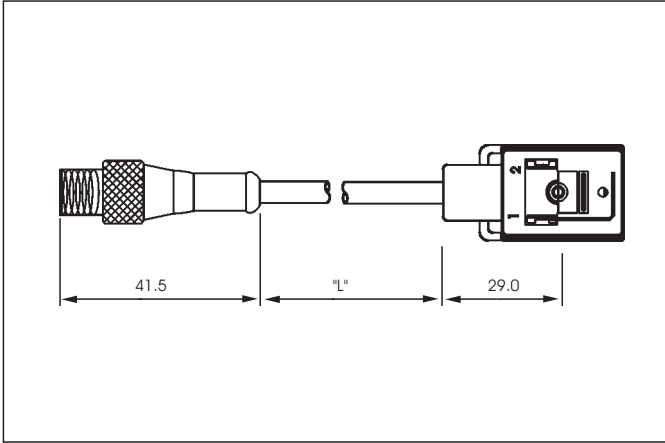
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Euro-style (M12)
- Screw locking with (auto) securing safety nut/valve connector according to DIN 43650
- Construction type B
- Cable exit 180°
- With built-in LED and varistor for voltage protection

Dimensional data



Technical Data

Application Class:	-20 °C to +80 °C
Nominal Power:	5A
Nominal Voltage:	24 VAC/DC
Securing Safety Nut:	Nickel plated brass
Protection Class:	IP67 NEMA 4 rated

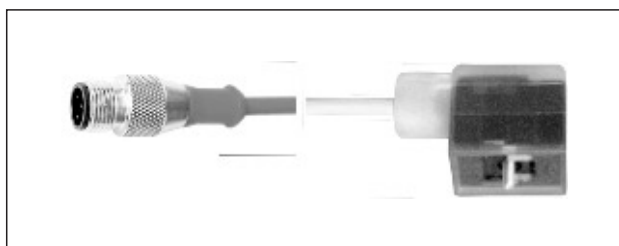
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS5/3TZY052 + V-FAEBVY052	5		1 = - 2 = - 3 = blue 4 = brown 5 = green/yellow	0.50mm ²	16x φ 0.20	5.5	PUR/PVC
R-MS5/3TZV552 + V-FAEBVV552			1 = brown 2 = blue ⊕ = green/yellow	0.50mm ²	16x φ 0.20	5.0	PVC irradiated

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

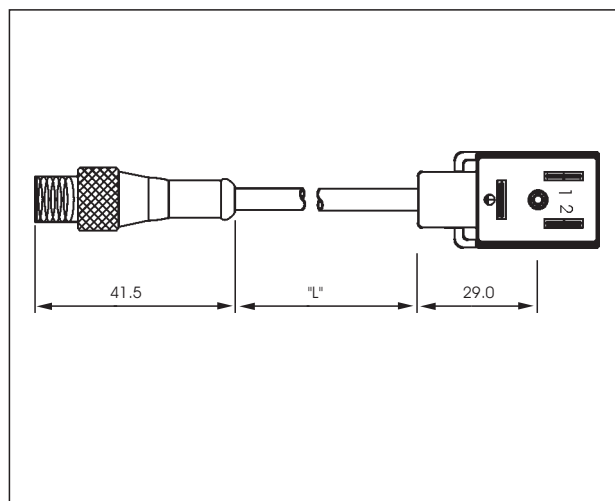
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Cable Extensions
- Euro-style(M12)
- Screw locking with (auto) securing safety nut/valve connector according to DIN 43650
- Construction type B
- Industry standard construction
- With built-in LED and varistor for voltage protection

Dimensional data



Technical Data

Application Class: -20 °C to +80 °C
 Nominal Power: 5A
 Nominal Voltage: 24 VAC/DC
 Securing Safety Nut: Nickel plated brass
 Protection Class: IP67 NEMA 4 rated

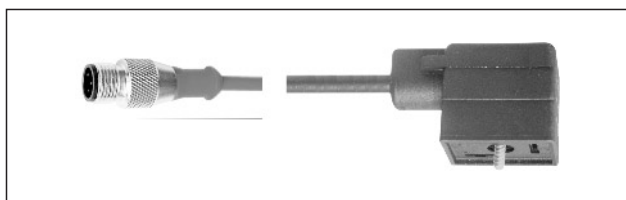
Catalog Number

Part-No	Poles	Face View female	Color Code	Conductors		Outer Jacket	
				Gauge	Stranding	φ mm	Material
R-MS5/3TZY052 + V-FAZDVY052	5		1 = - 2 = - 3 = blue 4 = brown 5 = green/yellow	0.50mm ²	16x φ 0.20	5.5	PUR/PVC
R-MS5/3TZV552 + V-FAZDVV552			1 = brown 2 = blue ⑤ = green/yellow	0.50mm ²	16x φ 0.20	5.0	PVC irradiated

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

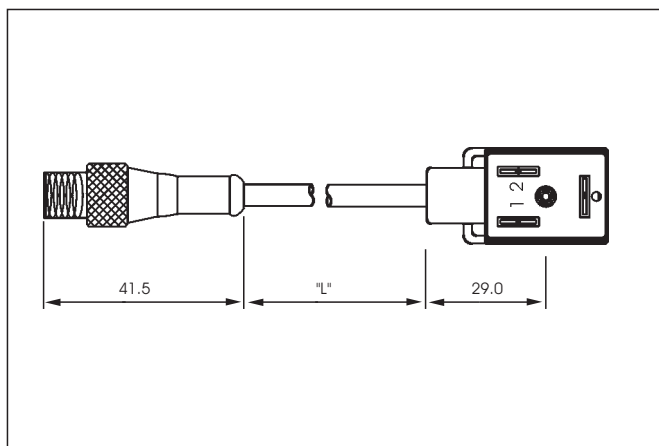
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Cable Extensions
- Euro-style(12)
- Screw locking with (auto) securing safety nut/valve connector according to DIN 43650
- Construction type B
- Industry standard construction
- Cable exit 180°
- With built-in LED and varistor for voltage protection

Dimensional data



Technical Data

Application Class:	-20 °C to +80 °C
Nominal Power:	5A
Nominal Voltage:	24 VAC/DC
Securing Safety Nut:	Nickel plated brass
Protection Class:	IP67 NEMA 4 rated

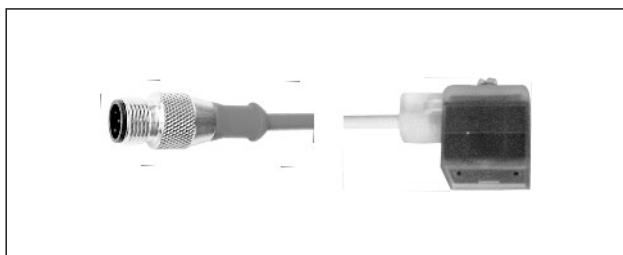
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS5/3TZY052+ V-FAEDVY052	5		1 = - 2 = - 3 = blue 4 = brown 5 = green/yellow	0.50mm ²	16x φ 0.20	5.5	PUR/PVC
R-MS5/3TZV552+ V-FAEDVV552			1 = brown 2 = blue ⊕ = green/yellow	0.50mm ²	16x φ 0.20	5.0	PVC

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

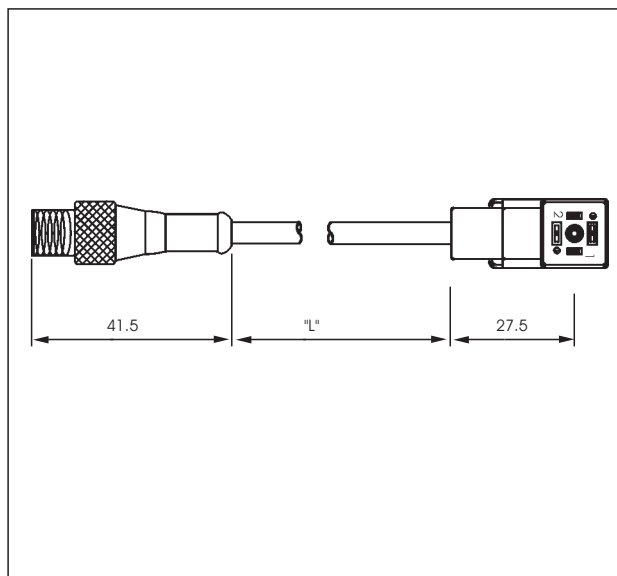
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Cable Extensions
- Euro-style (M12)
- Screw locking with (auto) securing safety nut/valve connector according to DIN 43650
- Construction type C,8.0mm
- With built-in LED and varistor for voltage protection
- Connected protective earth

Dimensional data



Technical Data

Application Class: -20 °C to +80 °C
 Nominal Power: 5A
 Nominal Voltage: 24 VAC/DC
 Securing Safety Nut: Nickel plated brass
 Protection Class: IP67 NEMA 4 rated

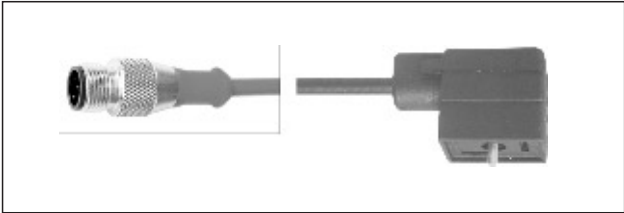
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Gauge	Stranding	φ mm	Material
R-MS5/3TZV052 + V-FANCVY052	5		1 = - 2 = - 3 = blue 4 = brown 5 = green/yellow	0.50mm ²	16x φ 0.20	5.5	PUR/PVC
			1 = brown 2 = blue ⊕ = green/yellow				

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

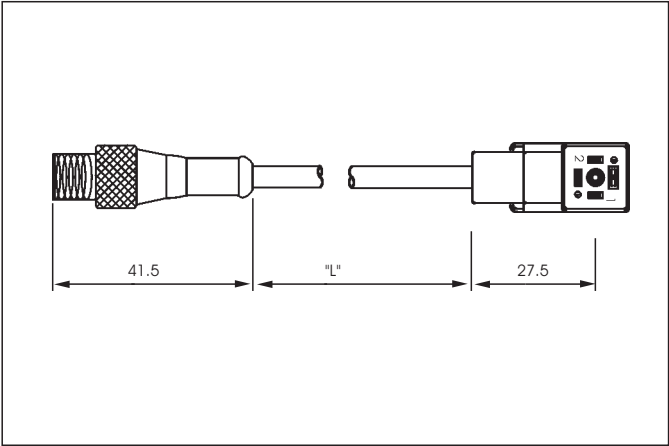
CABLE EXTENSIONS,IP68(M12 TO VALVE CONNECTOR)

View



- Cable Extensions
- Euro-style (M12)
- Screw locking with(auto) securing safety nut/valve connector construction cypcc
- Industry standard constriction(9.4mm) with built-inLED and varistor for voltage
- Protection connected protective earth

Dimensional data



Technical Data

Nominal Power: 3A

Nominal Voltage: 24 VAC/DC

Securing Safety Nut: Nickel plated brass

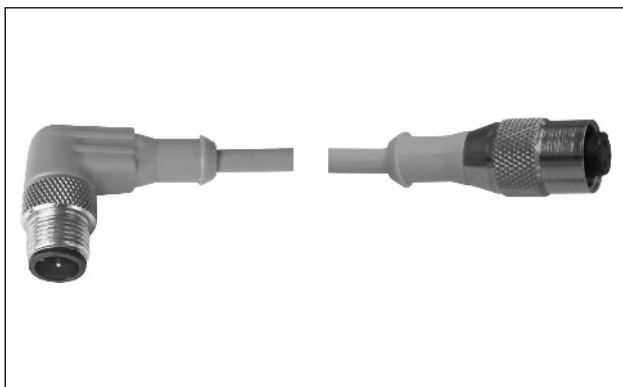
Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MS5/3TZV052+ V-FANGVV552	5		1 = - 2 = - 3 = blue 4 = brown 5 = green/yellow	0.50mm ²	16x φ 0.20	5.5	PVC
			1 = brown 2 = blue ⊕ = green/yellow				

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

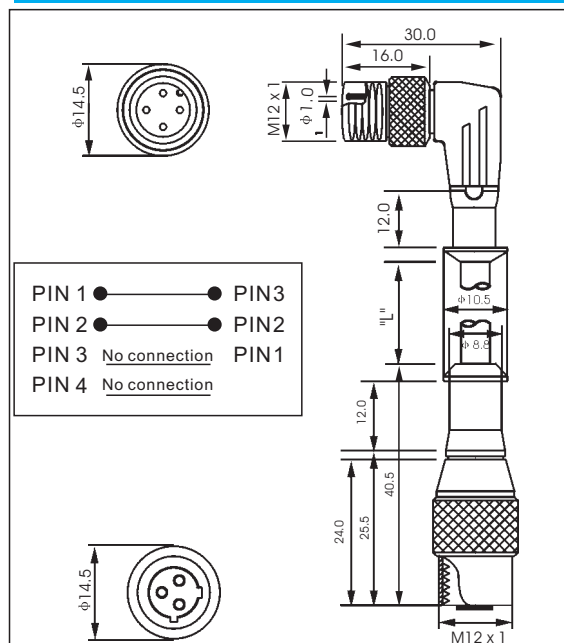
EURO& MICRO-STYLE QUICK DISCONNECT RECEPTACLES

View



- Euro, Right-angle - style
- Micro, straight - style
- With moulded cable
- Screw locking with (auto) securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040
(-25 °C / + 90 °C / ≤ 100%rF)

Moulded Body: PVC, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 3+4poles, 250VAC/300VDC
5poles, 30VAC/36VDC

Contact: CuZn, pre-nickel and
0.8 microns gold-plated

Body : TPU, self-extinguishing

Securing Safety Nut: Nickel plated brass

Protection: IP 68

Insulation Resistance: C acc. to VDE 0110

Test Voltage: 3+4poles, 2.0 KV eff./60s.
5poles, 1.5 KV eff./60s.

Insulation Resistance: > 10⁹ Ω

Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
R-MA4/2TZY792 +U-FS3/2TAY792	4 + 3		1=brown 2=blue 3= - 4= -	0.34mm ²	42 x φ 0.10	5.0	PUR/PVC
			1= - 2=brown 3=blue				

Standard length: 2.0 m, 5.0 m, 7.5 m, 10.0 m. Other cable length or cable specifications on request.

MICRO SPLITTERS

Multi-Connector

M-2 RMS4TZV8002

1 2 3

1 TYPE

M=Multi-connector

2 Amount of cable

3 Cable (about its detail, please see SELECTION GUIDE OF QUICK DISCONNECT CABLES)

MICRO SPLITTERS

U2 - R 5/4 Z - 38 05

1 2 3 4 5 6

1 TYPE

U1 = Micro Splitters with 1 input end

U2 = Micro Splitters with 2 input end

2 INPUT PORTS TYPE

R = Euro-style (R-series)

B = Euro-style (B-series)

U = Micro-style

RF = Euro-style and Female type

C = Pico-style

Z = Mini-style

3 NUMBER OF POLES PER PORT

3/3= 3 pole 3 wire AC dual key

4/3= 4 pole 3 wire

4/4= 4 pole 4 wire

5/3= 5 pole 3 wire

5/4= 5 pole 4 wire

5/5= 5 pole 5 wire

4 OUTPUT FUNCTION

L = Within LED

Z = Without LED

5 INPUT END SHAPE

38 = Cable specification (Other cable specification on page J-1~page J-17)

C3 = Pico-style 3 poles connector

R5 = Euro-style 5 poles connector

6 CABLE LENGTH

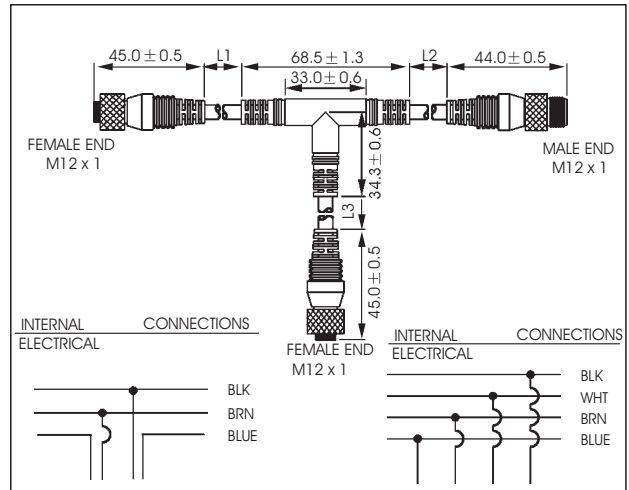
CABLE EXTENSIONS,IP68(M12 TO M12)

View



- Cable Extensions
- Euro-style(M12)
- Screw locking with (auto) securing safety nut
- Female euro-style (M12)
- Screw locking with (auto) securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040
 (-25 °C /+90 °C /<100%rF)

Body: TPU, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 250VAC/300VDC

Locking Nut: Nickel plated brass

Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-2RMS3TZV1032+RFS4TPY1042	3		1=brown 2=white 3=blue 4=black	0.25mm ²	32x φ 0.10	5.0	PVC
M-RMS3TZV1032+2RFS4/3TPY1032	3		1=brown 2= - 3=blue 4=black	0.34mm ²	42x φ 0.10	5.0	PVC
M-RMS4TZV1042+2RFA4TPV1042P	4		1=brown 2=white 3=blue 4=black	0.50mm ²	16x φ 0.20	5.0	PVC

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. other cable length or cable specifications on request.

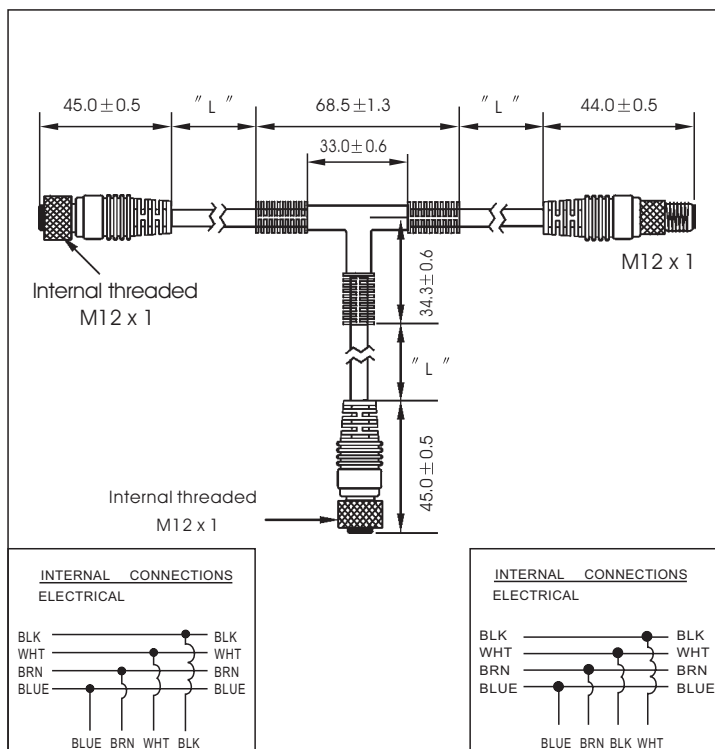
CABLE EXTENSIONS, IP68 (M12 TO M12)

View



- Cable Extensions
- Male Euro-style (M12)
- Screw locking with (auto) securing safety nut
- Female Euro-style (M12)
- Screw locking with (auto) securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040

(-25 °C / +90 °C / <100%rF)

Body: PVC, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 250VAC/300VDC

Locking Nut: Nickel plated brass

Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-2RFS4TZ+ RMS4TZV80xx-A	4		1=brown 2=white 3=blue 4=black	0.82mm ²	16 x φ 0.25	6.2	PVC
M-2RFS4TZ+ RMS4TZV80xx-B			1=brown 2=white 3=blue 4=black				

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.

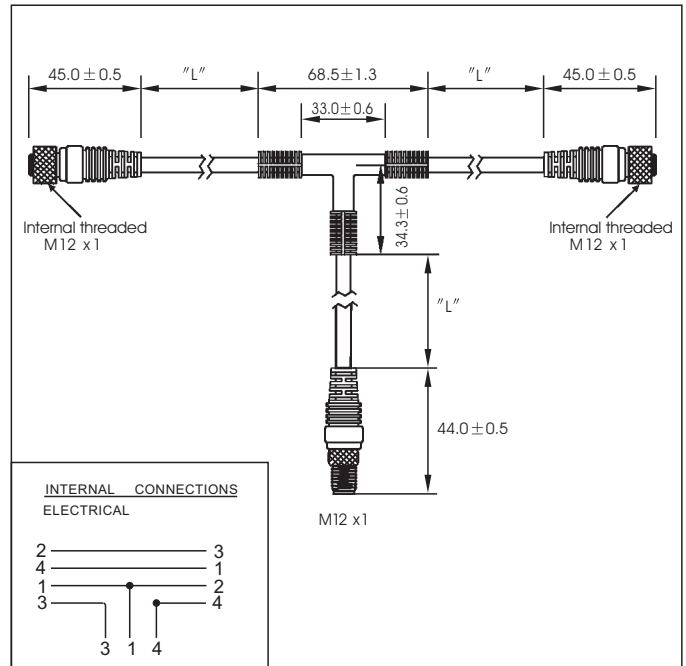
CABLE EXTENSIONS,IP68(M12 TO M12)

View



- Cable Extensions
- Male Euro-style(M12)
- Screw locking with (auto) securing safety nut
- Female Euro-style (M12)
- Screw locking with (auto) securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040
 (-25 °C / +90 °C / <100%rF)

Body: PVC, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 250VAC/300VDC

Locking Nut: Nickel plated brass

Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-2RFS4+ RMS3TZV80xx	4		1=brown 2=white 3=blue 4=black	0.82mm ²	16 x φ 0.25	6.2	PVC

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.

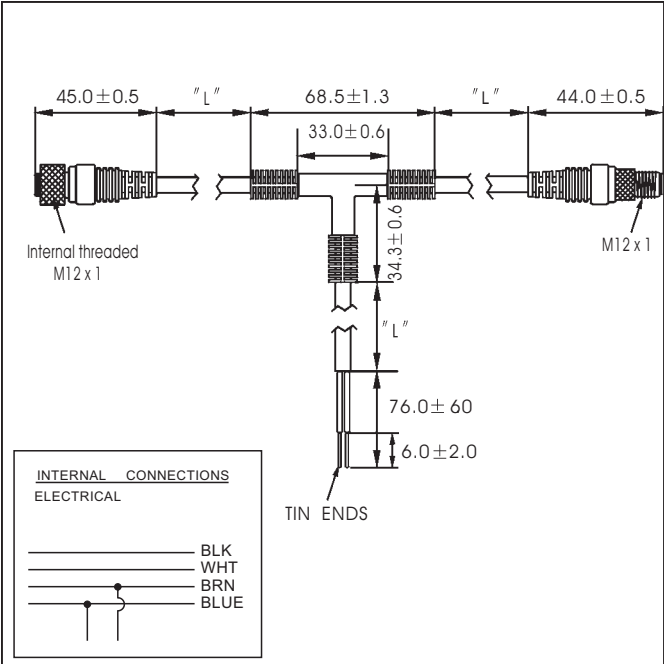
CABLE EXTENSIONS,IP68(M12 TO M12)

View



- Cable Extensions
- Male Euro-style(M12)
- Screw locking with (auto) securing safety nut
- Female euro-style (M12)
- Screw locking with (auto) securing safety nut

Dimensional data



Technical Data	
Application Class:	HNA acc.to DIN 40040 (-25°C / +90 °C /<100%rF)
Body:	PVC, self-extinguishing
Nominal Power:	4A
Nominal Voltage:	250VAC/300VDC
Locking Nut:	Nickel plated brass

Catalog Number							
Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M - 3 R S 4 T Z V 8 0 X X	4		1=brown 2=white 3=blue 4=black	0.82mm ²	16 x φ 0.25	6.2	PVC
Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.							

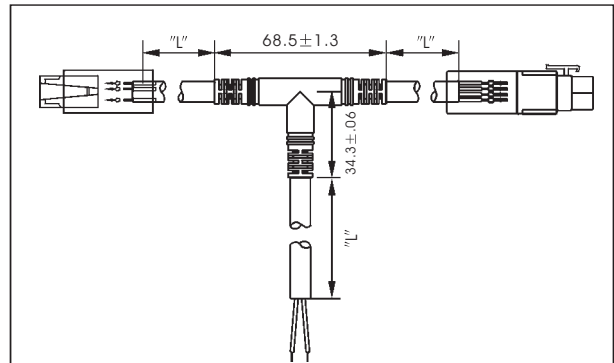
CABLE EXTENSIONS,IP68(M12 TO M12)

View

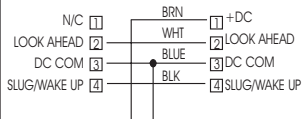


- Female euro-style (M12)
- Cable Extensions
- Screw locking with (auto) securing safety nut
- Euro-style(M12)

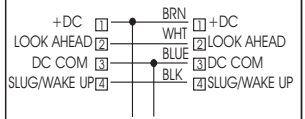
Dimensional data



INTERNAL CONNECTIONS ELECTRICAL



INTERNAL CONNECTIONS ELECTRICAL



Technical Data

Application Class: HNA acc.to DIN 40040
 (-25 °C / +90 °C / <100%rF)
 Body: PVC, self-extinguishing

Nominal Power: 4A
 Nominal Voltage: 250VAC/300VDC
 Locking Nut: Nickel plated brass

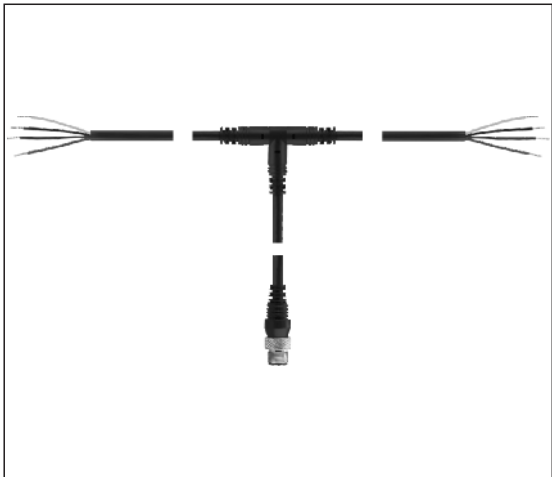
Catalog Number

Part-No	Poles	Wire Entry View	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-3RS4/3/2TZV83xx	4		1=brown 2=white 3=blue 4=black	1.3mm ²	25 x φ 0.25	7.0	PVC
M-3RS4/2TZV83xx	4		1=brown 2=white 3=blue 4=black	1.3mm ²	25 x φ 0.25	7.0	PVC

Standard length: 0.3m 0.6m 1.0m 1.5 m.2.0m. Other cable length or cable specifications on request.

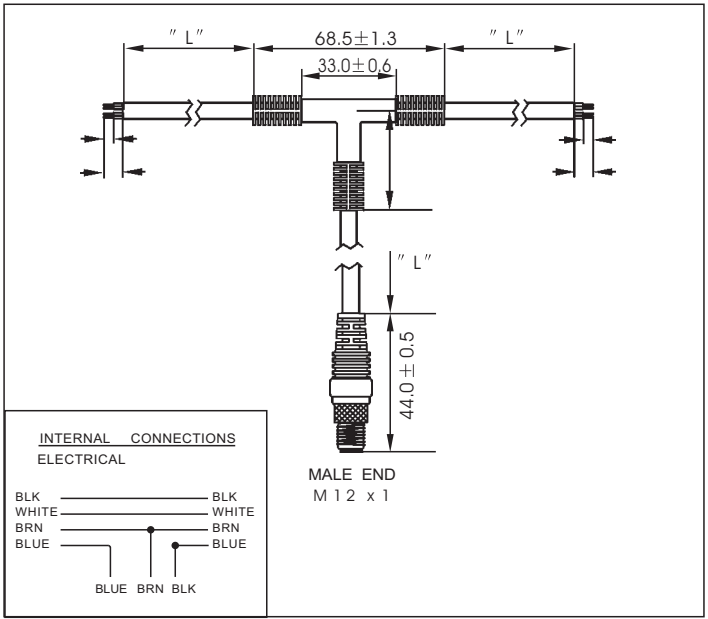
CABLE EXTENSIONS,IP68 (M12 TO M12)

View

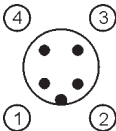


- Cable Extensions
- Male euro-style (M12)
- Screw locking with (auto) securing safety nut

Dimensional data

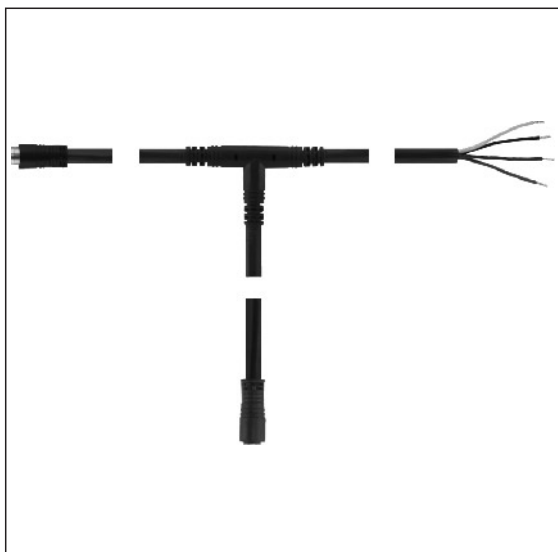


Technical Data	
Application Class:	HNA acc.to DIN 40040 (-25°C / + 90 °C /<100%rF)
Body:	TPU, self-extinguishing
Nominal Power:	4 A
Nominal Voltage:	250VAC/300VDC
Locking Nut:	Nickel plated brass

Catalog Number							
Part-No	Poles	Face View male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M - RMS 4 / 3 T Z V 8 4 x x	4		1=brown 2= 3=blue 4=black	0.82mm²	16 x φ 0.25	6.2	PVC
Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.							

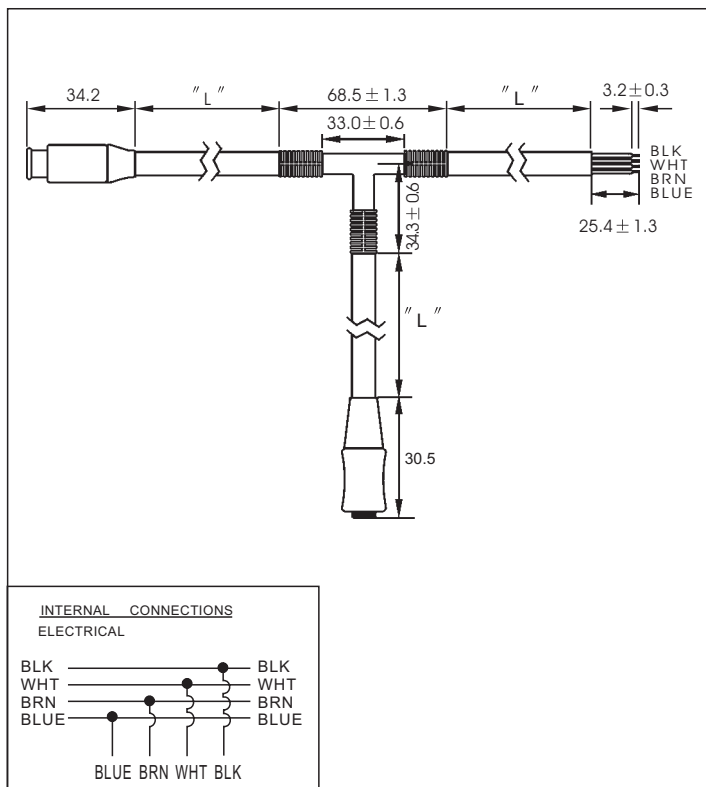
CABLE EXTENSIONS,IP68 (M8 TO M8)

View



- Pico-style(M8)
- Cable Extensions
- With moulded cable
- Snap-in and locking device

Dimensional data



Technical Data

Application Class: HNE acc.to DIN 40040
 (-25 °C / +90 °C / ≤ 75%rF)
 Moulded Body: TPU, self-extinguishing
 Nominal Power: 4A
 Nominal Voltage: 60VAC/75VDC
 Contact: CuZn, pre-nickel and 0.8microns gold-plated

Body: TPU, self-extinguishing
 O-Ring: Viton
 Protection: IP 68
 Contact Resistance: ≤ 5m Ω
 Insulation Group: C acc.to VDE 0110
 Test Voltage: 1.5 KV eff./ 60 s.
 Insulation Resistance: >10⁹ Ω

Catalog Number

Part-No	Poles	Face View male / female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-3CM/FS4NZV07xx	4		1=brown 2=white 3=blue 4=black	0.25mm ²	32 x φ 0.10	5.0	PVC
Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.							

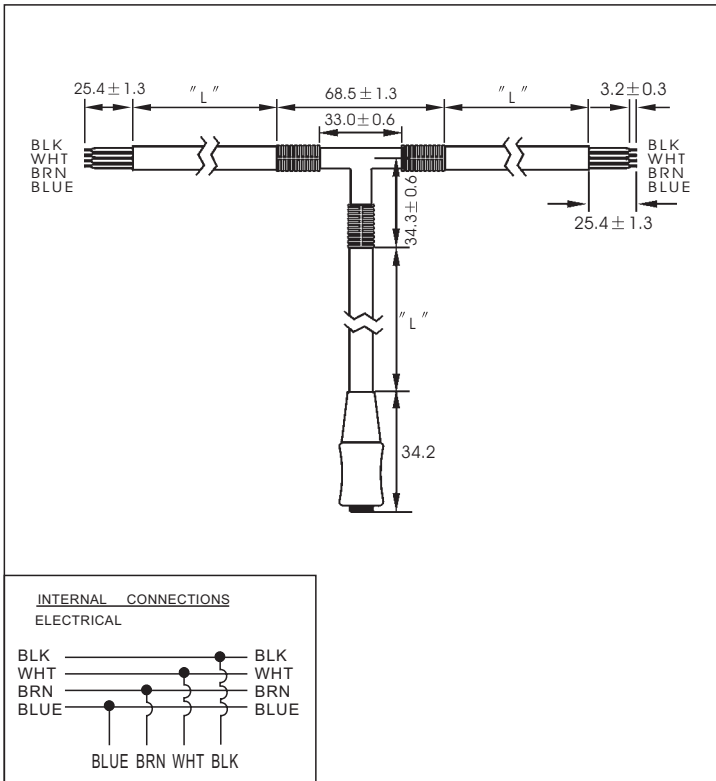
CABLE EXTENSIONS,IP68(M8 TO M8)

View



- Female Pico-style(M8)
- Cable Extensions
- With moulded cable
- Snap-in and locking device

Dimensional data



Technical Data

Application Class:	HNE acc.to DIN 40040 (-25 °C / + 90 °C / ≤ 75%rF)	Body:	TPU,self-extinguishing
Moulded Body:	TPU, self-extinguishing	O-Ring:	Viton
Nominal Power:	4A	Protection:	IP 68
Nominal Voltage:	60VAC/75VDC	Contact Resistance:	≤ 5mΩ
Contact:	CuZn,pre-nickeled and 0.8microns gold-plated	Insulation Group:	C acc.to VDE 0110
		Test Voltage:	1.5 KV eff./ 60 s.
		Insulation Resistance:	>10 ⁹ Ω

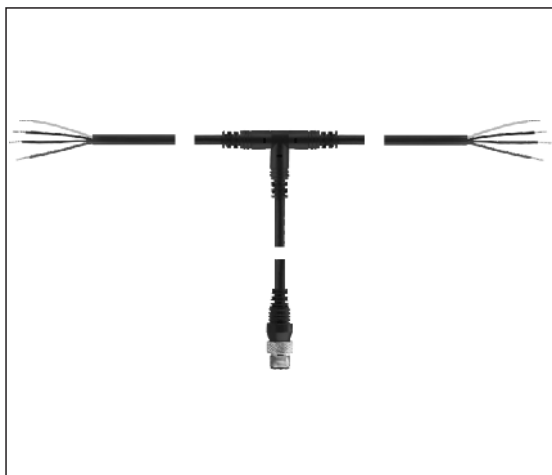
Catalog Number

Part-No	Poles	Face View female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-3CFS4NZV07xx	4		1=brown 2=white 3=blue 4=black	0.25mm ²	32 x φ 0.10	5.0	PVC

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.

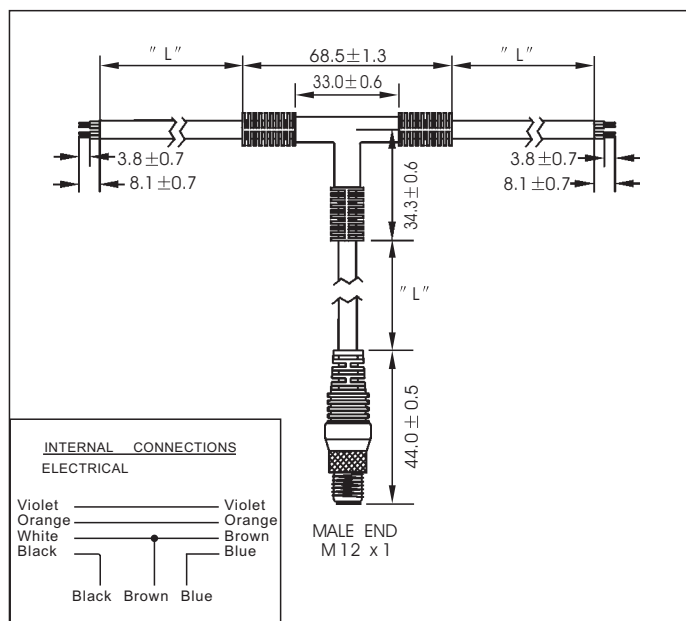
CABLE EXTENSIONS, IP68 (M12 TO M12)

View



- Cable Extensions
- Screw locking with (auto) securing safety nut
- Male euro-style (M12)

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040
 (-25°C/+90°C /<100%rF)

Body: PVC, self-extinguishing

Nominal Power: 4 A

Nominal Voltage: 250VAC/300VDC

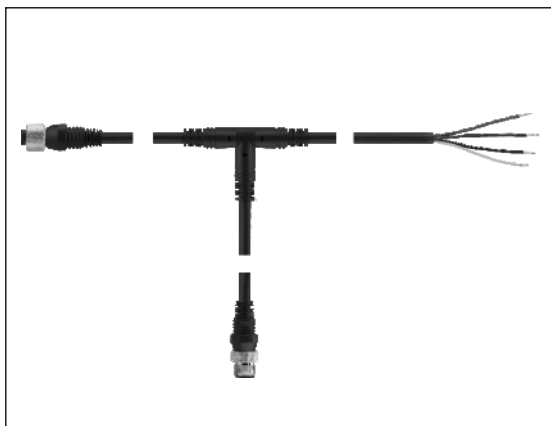
Locking Nut: Nickel plated brass

Catalog Number

Part-No	Poles	Face View male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-RMS3TZV84xx	4		1=brown 3=blue 4=black	0.82mm ²	16 x φ 0.25	6.2	PVC
Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.							

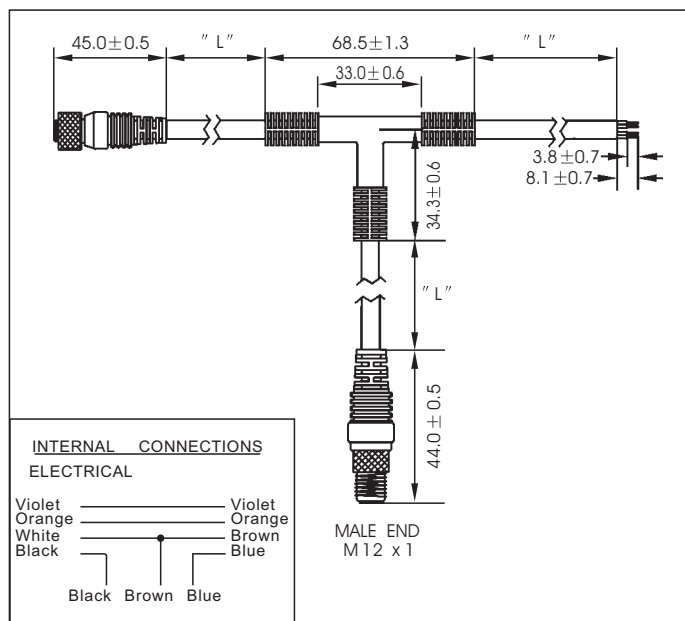
CABLE EXTENSIONS, IP68 (M12 TO M12)

View



- Cable Extensions
- Male euro-style (M12)
- Female euro-style (M12)
- Screw locking with (auto) securing safety nut

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040
 (-25°C/+90°C /<100%rF)

Body: PVC, self-extinguishing

Nominal Power: 4 A

Nominal Voltage: 250VAC/300VDC

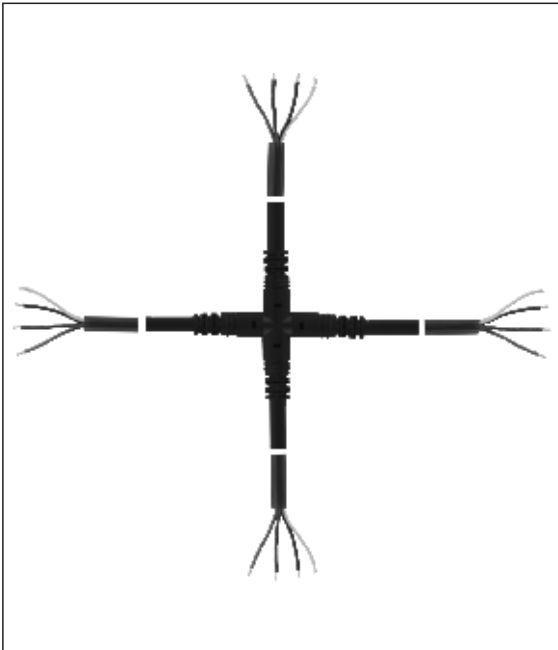
Locking Nut: Nickel plated brass

Catalog Number

Part-No	Poles	Face View male/female	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	ϕ mm	Material
M-RMS4/3TZV84xx +RFS4TZV85xx	4		1=violet 2=white 3=orange 4=black	0.82mm²	16 x ϕ 0.25	6.2	PVC
			1=brown 2= - 3=blue 4=black				
Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.							

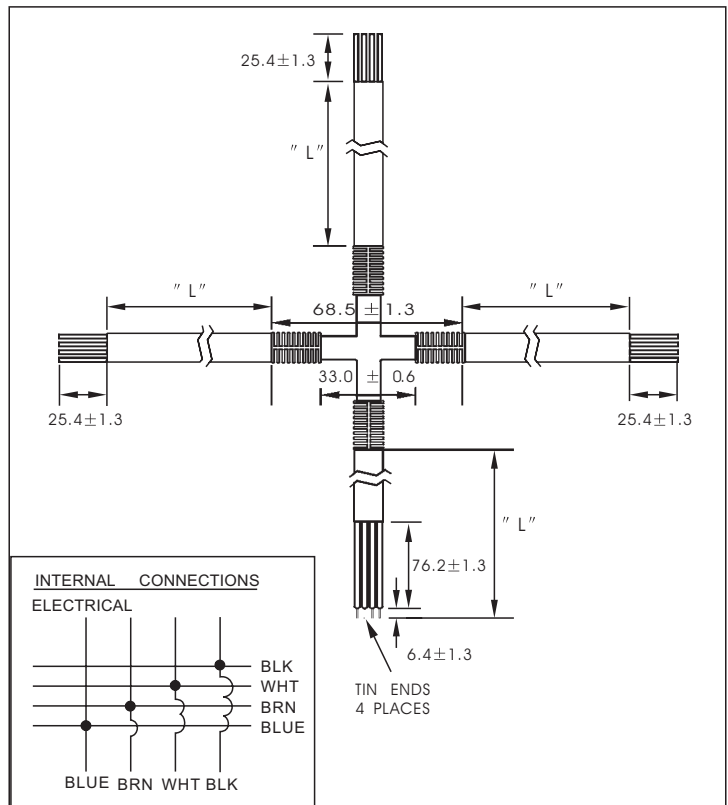
CABLE EXTENSIONS, (M12 TO M12)

View



- Cable Extensions
- M12 T Cable

Dimensional data



Technical Data

Application Class: HNA acc.to DIN 40040
 (-25°C / +90°C / <100%rF)

Body: PVC, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 250VAC/300VDC

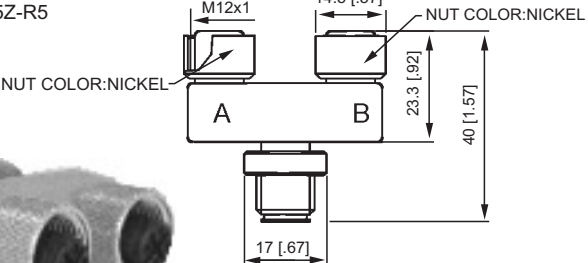
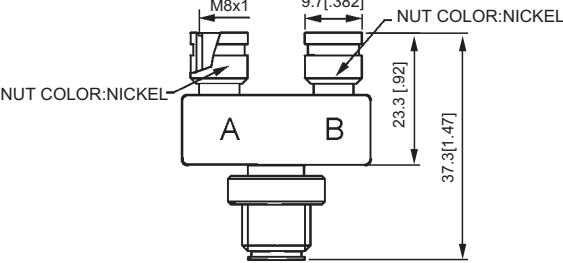
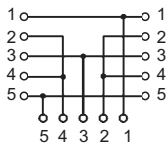
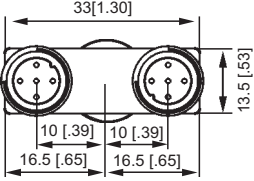
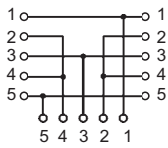
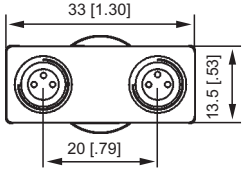
Contact Resistance: <5m ohm

Catalog Number

Part-No	Poles	Face View female/male	Color Code	Conductors		Outer Jacket	
				Guage	Stranding	φ mm	Material
M-4RA4/4TZV80xx	4	—	1=brown 2=white 3=blue 4=black	0.82mm ²	16 x φ 0.25	6.2	PVC

Standard length: 0.3m, 0.6m, 1.0m, 1.5m, 2.0m. Other cable length or cable specifications on request.

HARD-SHELL CONNECTORS



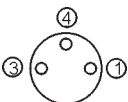
U2-R5/3Z-C3

U2-R5/5Z-R5

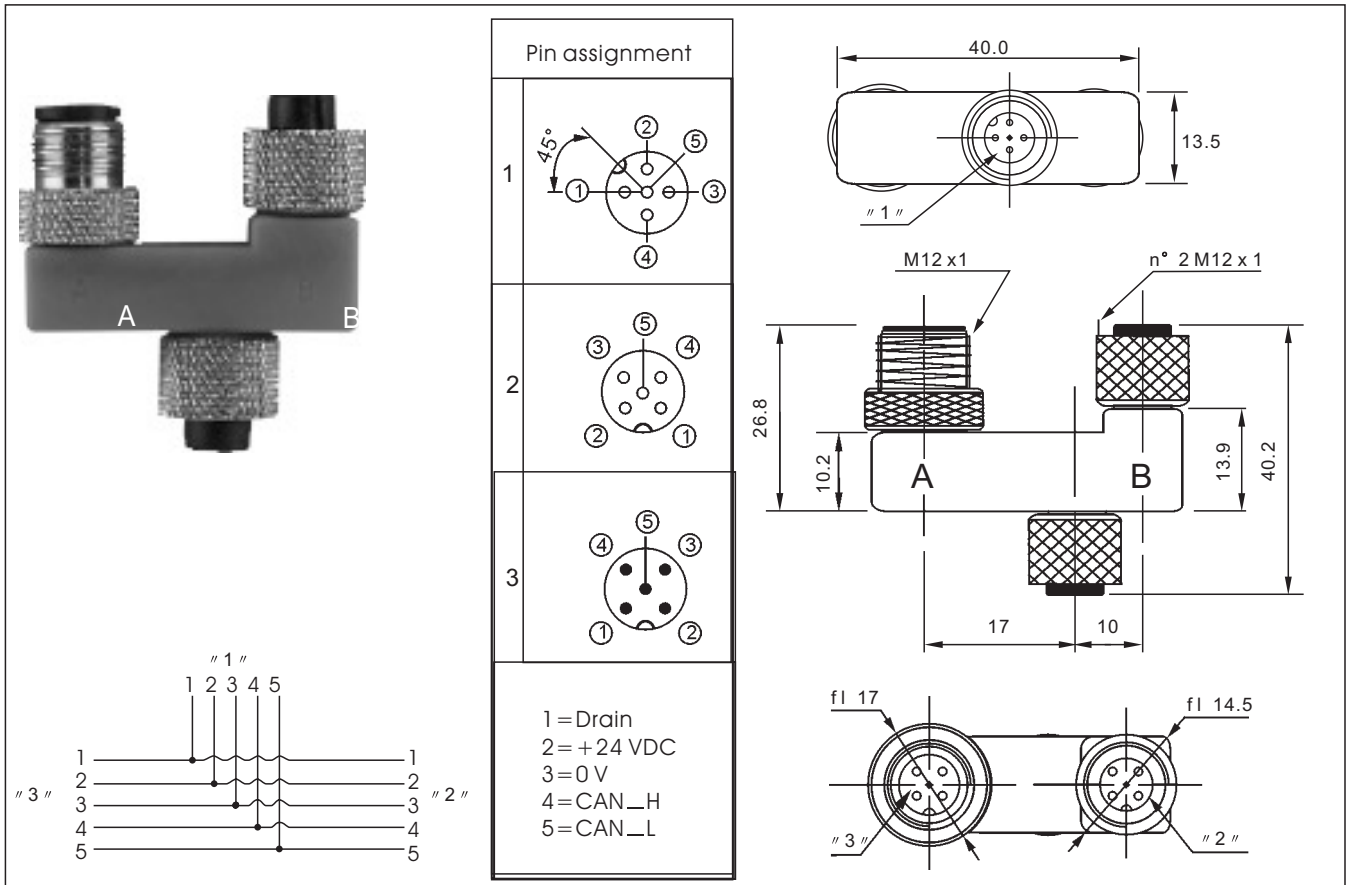
Description

Micro Splitters with Connectors for Use with Distribution Boxes

Technical Data			
1.Application Class:	-15 °C to +90 °C	Working Voltage:	10-30VDC
2.Materials:		Dielectric Withstanding Voltage:	2 kVAC RMS/60sec
Molded Body:	TPU,Orange	Insulation Resistance:	>10 ⁹ Ω
Contact:	Brass,gold over nickel plating	4.Mechanical Data:	
Insert:	TPU,black	Insertion Force (contact):	≤ 2.0N(.45LBS)
Coupling Nut:	Brass,nickel plated	Withdrawal Force (contact):	≥ 0.5N(.11LBS)
O-Ring:	Viton	Protection:	IP68
3.Electrical Data:		Shock:	IEC 68-2-27
Contact Resistance:	≤ 5mΩ	Vibration:	IEC 68-2-6
Current Rating:	3Amps		

Part Number	Face View of Male Plug	Face View of Female Plug	Description
U2-R5/3Z-C3			MS2 splitter with Pico connectors
U2-R5/4Z-R4			MS2 splitter with Euro connectors
U2-R5/5Z-R5			MS2 splitter with Euro connectors

HARD-SHELL CONNECTORS



Technical Data

1.Application Class: -15°C to + 90 °C

2.Materials:
 Molded Body: TPU,Orange
 Contact: Brass,gold over nickel plating
 Insert: TPU,black
 Coupling Nut: Brass,nickel plated
 O-Ring: Viton

3.Electrical Data:
 Contact Resistance: $\leq 5m\Omega$
 Current Rating: 3Amps

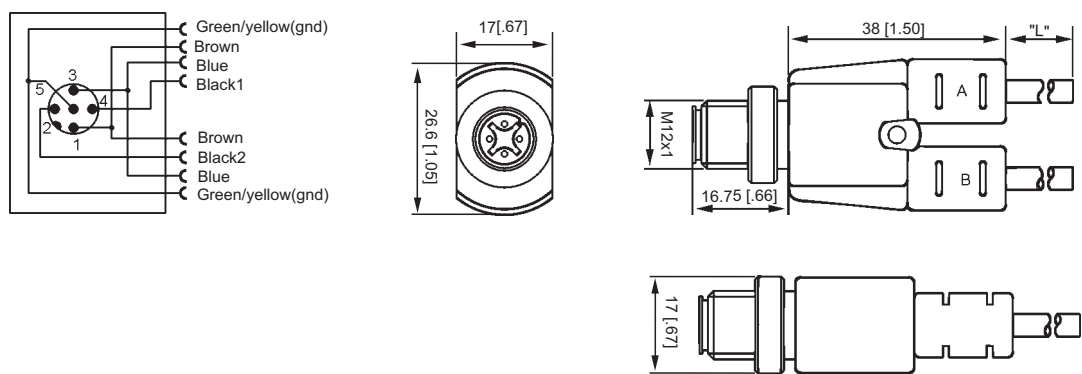
Working Voltage: 10-30VDC
 Dielectric Withstanding Voltage: 2 KVAC RMS/60sec
 Insulation Resistance: $>10^9 \Omega$

4.Mechanical Data:
 Insertion Force (contact): $\leq 2.0N$ (.45LBS)
 Withdrawal Force (contact): $\geq 0.5N$ (.11LBS)
 Protection: IP68
 Shock: IEC 68-2-27
 Vibration: IEC 68-2-6

Catalog Number

Part Number	Face View of Male Plug	Face View of Female Plug	Description
U2-RF5/5Z-R5+RF5			MS2 splitter with Euro connectors

MICRO SPLITTERS



Description

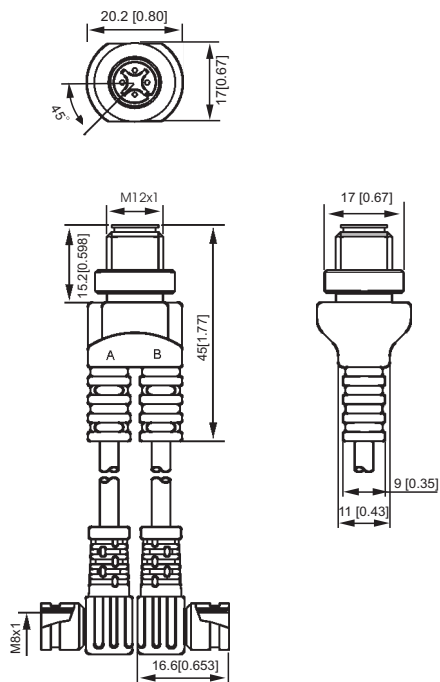
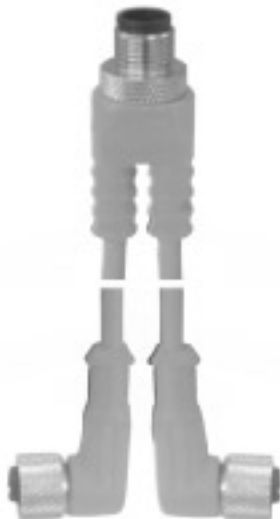
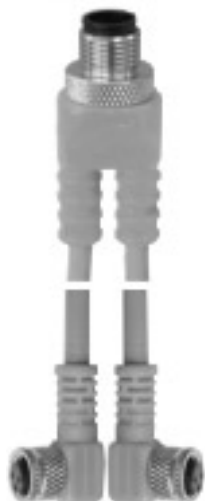
Micro Splitters with Cable for Use with Distribution Boxes

Technical Data

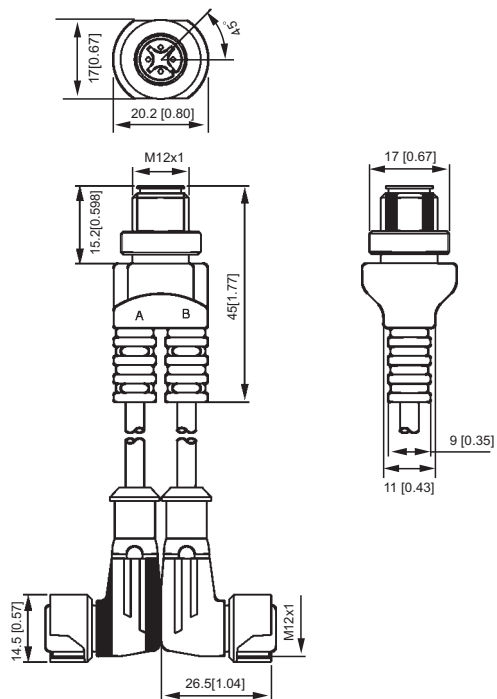
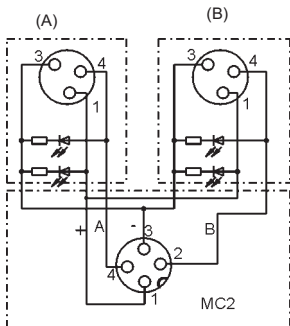
1.Application Class:	-25℃ to +90℃	Working Voltage:	250VAC
2.Materials:		Dielectric Withstanding Voltage:	2 kVAC RMS/60sec
Molded Body:	PUR(Polyurethane),yellow	Insulation Resistance:	>10 ⁹ Ω
Contact:	CuZn, pre-nickel and 0.8 microns gold-plated	4.Mechanical Data:	
Locking Nut:	Brass, nickel plated	Insertion Force (contact):	≤ 2.0N .45LBS
3.Electrical Data:		Withdrawal Force (contact):	≥ 0.5N .11LBS
Contact Resistance:	≤ 5m Ω	Protection:	IP68
Current Rating:	3Amps	Shock:	IEC 68-2-27

Part Number	Face View of male Plug	Color Code	Cable Type		
			Lead(mm ²)	Outer Jacket	
U1-R4/3Z-35XX		1= Brown 2= Black (2) (S4) 3= Blue 4= Black (1) (S2)	3x0.34(42xΦ0.10)	Φ5.0	PUR/PVC
U2-R5/4Z-17XX		1= Brown 2= Black (2) (S4) 3= Blue 4= Black (1) (S2) 5= Yellow/green	4x0.50(16xΦ0.20)	Φ5.0	PUR/PVC

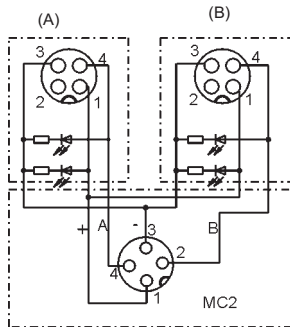
xx-Standard cables available in 5-meter(05),and 10-meter.Other cable length or cable specifications on request.



U2-R4C-FA3TPV062



U2-R4R-FS4KPV062



MICRO SPLITTERS

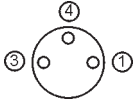
Description

Micro Splitters with two Pico or Micro Plugs, with or without LED's
Used with Distribution Boxes

Technical Data

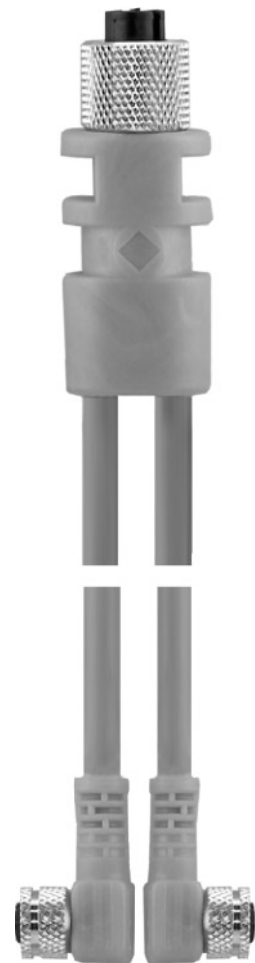
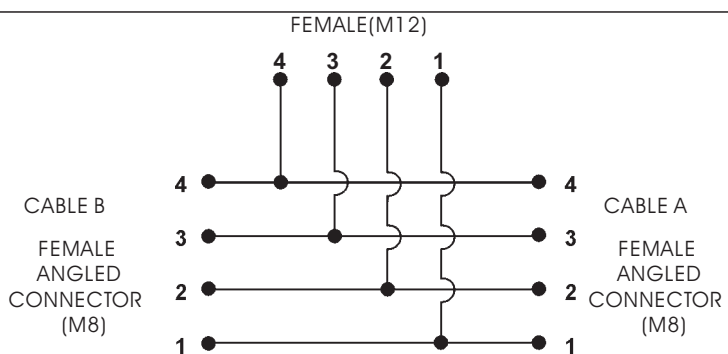
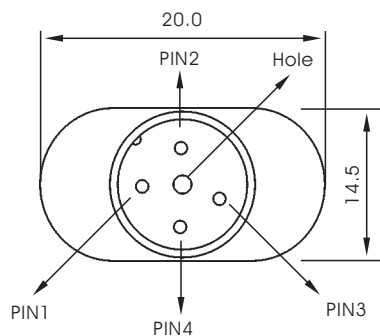
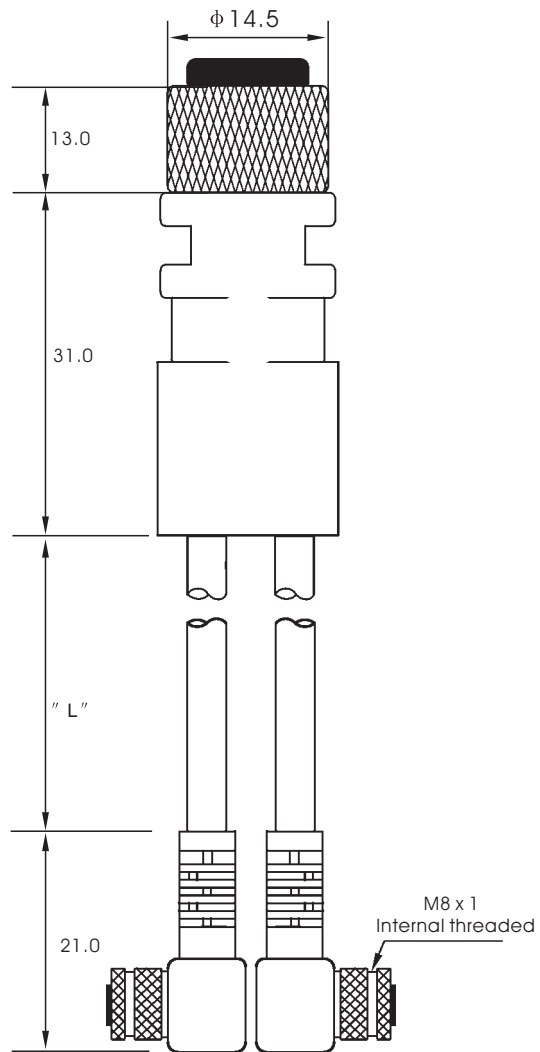
1.Application Class:	-25 °C to +90 °C	Dielectric Withstanding Voltage:	2 kVAC RMS/60sec
2.Materials:		Insulation Resistance:	$>10^9 \Omega$
Molded Body:	PUR(Polyurethane), Orange	4.Mechanical Data:	
Contact:	Brass, gold over nickel plating	Insertion Force	
Insert:	PUR(Polyurethane), black	(contact):	$\leq 2.0N$ (.45LBS)
Coupling Nut:	Brass, nickel plated	Withdrawal Force	
O-Ring:	Viton	(contact):	$\geq 0.5N$ (.11LBS)
3.Electrical Data:		Protection:	IP68
Contact Resistance:	$\leq 5m \Omega$	Shock:	IEC 68-2-27
Current Rating:	3Amps	Vibration:	IEC 68-2-6
Working Voltage:	10-30VDC		

Order Information

Part Number	Face View of Male Plug	Face View of Female Plug	Description
U2-R4C-FA3TPY042			Splitter with two Pico Plugs Right Angle with LED's (PNP)
U2-R4C-FA3TZY042			Splitter with two Pico Plugs Right Angle
U2-R4C-FS3TZY062			Splitter with two Pico Plugs Straight
U2-R4R-FS4KPV062			Splitter with two Euro Plugs Straight with LED's (PNP)
U2-R4R-FS4KZV062			Splitter with two Euro Plugs Straight
U2-R4R-FA4KPV062			Splitter with two Euro Plugs Right Angle with LED's (PNP)
U2-R4R-FA4KZV062			Splitter with two Euro Plugs Right Angle

MICRO SPLITTERS

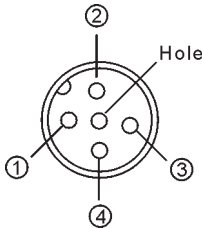
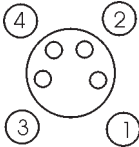
View



MICRO SPLITTERS

Descriptions
Micro Splitters with two Pico without LED's
Used with Distribution Boxes

Technical Data			
1.Application Class:	-25 °C to +90 °C	Dielectric Withstanding Voltage:	2 KVAC RMS/60sec
2.Materials:		Insulation Resistance:	>10 ⁹ Ω
Molded Body:	PUR Or PVC, Orange	4.Mechanical Data:	
Contact:	Brass, gold over nickel plating	Insertion Force (contact):	≤ 2.0N(.45LBS)
Insert:	PUR(Polyurethane),black	Withdrawal Force (contact):	≥ 0.5N(.11LBS)
Coupling Nut:	Brass,nickel plated	Protection:	IP68
O-Ring:	Viton	Shock:	IEC 68-2-27
3.Electrical Data:		Vibration:	IEC 68-2-6
Contact Resistance:	≤ 5m Ω		
Current Rating	3Amps		
Working Voltage:	10-30VDC		

Order Information			
Part Number	Face View of M12 Female Plug	Face View of M8 Female Plug	Descriptions
U2-RF4C-FA4TZV060.5			Splitter with two Pico Plugs Right Angle
Standard length: 0.5m, 0.70 m, 1.0 m, 2.0 m. Other cable length or cable specifications on request.			