

M12 male 0° A-cod. with cable

PUR 4x0.34 bk UL/CSA 0.5m

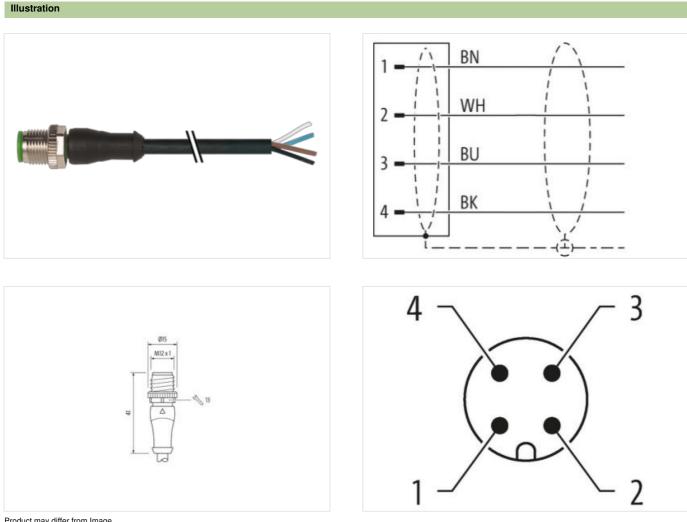
▲ NOTICE ▲ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight M12, 4-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



Product may differ from Image



Cable length

0,5 m

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Side 1

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879217934
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
	increased encoursed
Additional condition protection degree Pollution Degree	inserted, screwed 3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
	•
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.

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Conformity

Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	624
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	42,68 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	4× 0.34 mm ²
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	43 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
Stranding combination Shield	4 wires twisted no
Shield	no
Shield Material jacket	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-
Shield Material jacket Material property (jacket)	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shield Material jacket Material property (jacket) Shore hardness jacket	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket)	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5%
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5% black
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket chemical resistance	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5% black good resistance to oil, gasoline and chemicals
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket chemical resistance Nominal voltage	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5% black good resistance to oil, gasoline and chemicals UL 300 V AC
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket chemical resistance Nominal voltage Test voltage	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5% black good resistance to oil, gasoline and chemicals UL 300 V AC 2000 V AC
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket chemical resistance Nominal voltage Test voltage Current load capacity	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5% black good resistance to oil, gasoline and chemicals UL 300 V AC 2000 V AC to DIN VDE 0298-4
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket chemical resistance Nominal voltage Test voltage Current load capacity Temperature range (fixed)	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5% black good resistance to oil, gasoline and chemicals UL 300 V AC 2000 V AC to DIN VDE 0298-4 -30+80 °C
Shield Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket chemical resistance Nominal voltage Test voltage Current load capacity Temperature range (fixed) Temperature range (mobile) Bending radius (fixed) Bending radius (dynamic)	no PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) 4.6 mm ±5% black good resistance to oil, gasoline and chemicals UL 300 V AC 2000 V AC to DIN VDE 0298-4 -30+80 °C 10× outer Ø 15× outer Ø
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