

## M12 female 0° A-cod. with cable

PUR 4x0.34 gy UL/CSA 5m

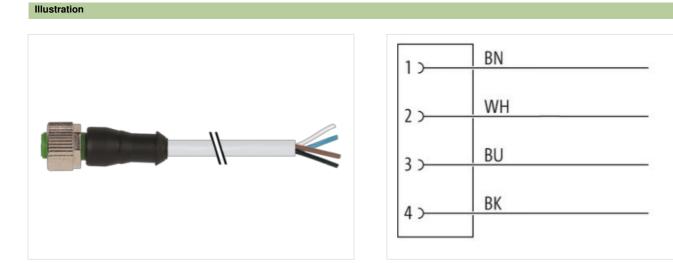
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

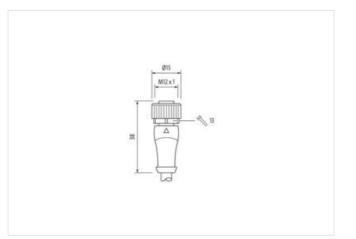
Female straight M12, 4-pole with cable sleeves

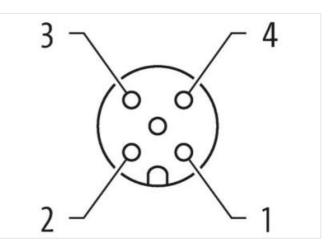
Plastic housings with good resistance against chemicals and oils.

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

5 m

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Side 1

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
amily construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $Ø$ )	10 mm
Coding	A
Material	PUR
Nidth 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
ustoms tariff number	85444290
GTIN	4048879212823
ackaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Dperating voltage DC max.	250 V
Dperating voltage AC (UL-listed)	30 V
Dperating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
Nounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Naterial group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
ocking material	Zinc die-casting
Aaterial screw connection	Zinc die-casting
Mechanical data   Mounting data	
Nounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Dperating 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 endangered by excessive bending forces.

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Conformity

Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	224
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 <sup>2</sup>
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	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%     gray
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%     gray     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%     gray     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%     gray     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     Temperature range (fixed)     Temperature range (mobile)	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%     gray     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%     gray     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%     gray     good resistance to oil, gasoline and chemicals     UL 300 V AC     2000 V AC     to DIN VDE 0298-4     -30+80 °C     -5+80 °C     10× outer Ø     15× outer Ø
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)	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%     gray     good resistance to oil, gasoline and chemicals     UL 300 V AC     2000 V AC     to DIN VDE 0298-4     -30+80 °C     -5+80 °C     10× outer Ø
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%     gray     good resistance to oil, gasoline and chemicals     UL 300 V AC     2000 V AC     to DIN VDE 0298-4     -30+80 °C     -5+80 °C     10× outer Ø     15× outer Ø

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