

## M12 female 0° A-cod. with cable

PUR 4x0.34 gy UL/CSA 30m

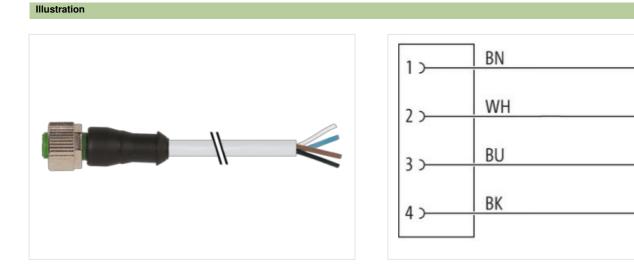
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

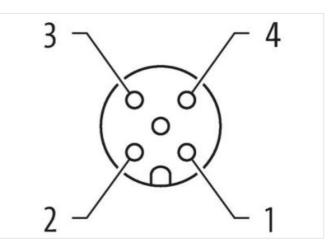
Female straight M12, 4-pole with cable sleeves

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

30 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 $\emptyset$ )	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
sustoms tariff number	85444290
GTIN	4048879212755
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Derating voltage DC max.	250 V
Derating voltage AC (UL-listed)	30 V
Dperating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M12 x 1
-	IVITZ X T
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
ocking material	Zinc die-casting
Naterial screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Dperating 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.
	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	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
Shield	no
Shield Material jacket	no PUR/PVC
Material jacket	PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-
Material jacket Material property (jacket)	PUR/PVC CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Material jacket Material property (jacket) Shore hardness jacket	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)
Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket)	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%
Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket	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
Material jacket Material property (jacket) Shore hardness jacket Outer-Ø (jacket) Color jacket chemical resistance	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
Material jacket   Material property (jacket)   Shore hardness jacket   Outer-Ø (jacket)   Color jacket   chemical resistance   Nominal voltage	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
Material jacket   Material property (jacket)   Shore hardness jacket   Outer-Ø (jacket)   Color jacket   chemical resistance   Nominal voltage   Test voltage	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
Material jacket   Material property (jacket)   Shore hardness jacket   Outer-Ø (jacket)   Color jacket   chemical resistance   Nominal voltage   Test voltage   Current load capacity	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
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)	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
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)	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
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)	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   10× outer Ø
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)	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   10× outer Ø   15× outer Ø

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