

M12 male 0° / M8 female 90° A-cod.

PUR 4x0.25 ye UL/CSA+drag ch. 7m

Male straight - female 90°

M12 - M8, 4-pole

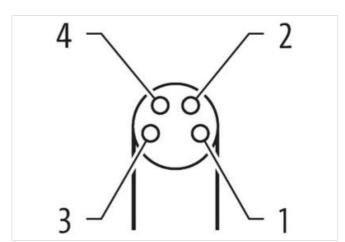
Plastic housings with good resistance against chemicals and oils.

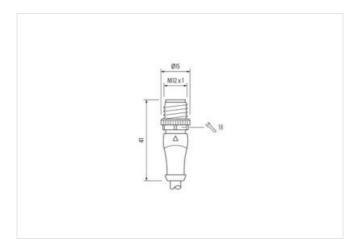
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration











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Product may differ from Image











Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Cable outlet straight Coding A Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet 0,5 mm Cable outlet 0,7 mm Material PUR No. of poles 4 Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial date ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 ECLASS-11.1 ECLASS-12.0 27060311 ECLASS-11.1 ECLASS-12.0 27060311 ECLASS-11.1	Cable length	7 m
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Cable outlet straight Coding A Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet 0,5 mm Cable outlet 0,7 mm Material PUR No. of poles 4 Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial date ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 ECLASS-11.1 ECLASS-12.0 27060311 ECLASS-11.1 ECLASS-12.0 27060311 ECLASS-11.1	Side 1	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Cable outlet straight Coding A Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Tightening torque	0,6 Nm
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Cable outlet straight Coding A Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 10 mm Cable outlet straight Coding A Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 22729218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Family construction form	M12
Cable outlet straight Coding A Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M6 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Thread	M12 x 1
Coding A Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Suitable for corrugated tube (internal 0') 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	suitable for corrugated tube (internal Ø)	10 mm
Material PUR No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Usuitable for corrugated tube (internal O) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311	Cable outlet	straight
No. of poles 4 Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311	Coding	A
Width across flats SW13 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	Material	PUR
Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311	No. of poles	4
Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Width across flats	SW13
Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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 ECLASS-12.0 27060311	Side 2	
Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	Tightening torque	0,4 Nm
Thread M8 x 1 suitable for corrugated tube (internal ∅) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-1.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1.1 27060311 ECLASS-1.2.0 27060311	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	Family construction form	M8
Cable outlet angled Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	Thread	M8 x 1
Coding A Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	suitable for corrugated tube (internal Ø)	6,5 mm
Material PUR No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	Cable outlet	angled
No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 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	Coding	A
Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 27279218 ECLASS-8.0 27279218 27279218 ECLASS-9.0 27060311 27060311 ECLASS-10.1 27060311 27060311 ECLASS-11.1 27060311 27060311	Material	PUR
Commercial data ECLASS-6.0 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		
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311	Width across flats	SW9
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-6.0	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-9.0	27060311
ECLASS-12.0 27060311	ECLASS-10.1	27060311
	ECLASS-11.1	27060311
ETIM-5.0 EC001855	ECLASS-12.0	27060311
	ETIM-5.0	EC001855

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customs tariff number	85444290
GTIN	4048879307222
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
	Niglealed
Coating locking Coating of fitting	Nickeled nickel plated
Color housing	black
Color contact carrier	green
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
	invaled annual Olalina adults
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 ℃
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	031
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Traversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	33 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4

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Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min