

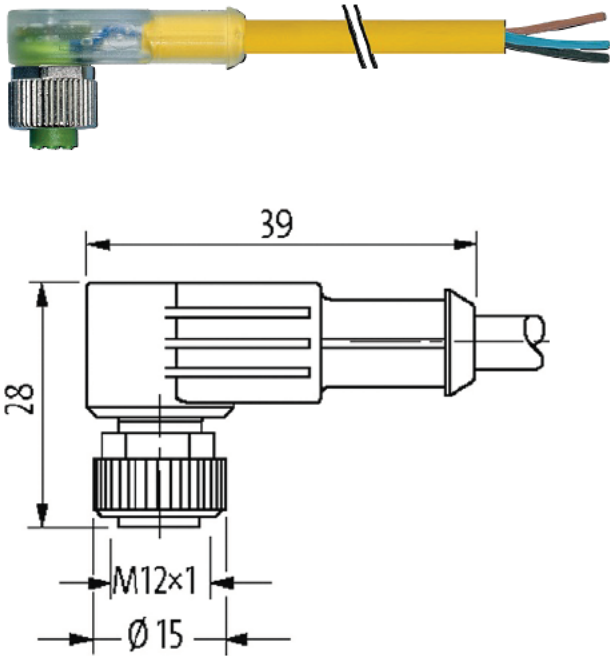
M12 FEMALE 90° LED

PUR 3X0.34 YELLOW, UL/CSA, ROBOT, drag ch 15m

Female 90°
M12, 3-pole
2x LED (PNP)
Art-No. 7005 - M12 LED - (pastic hexagonal screw) on request
Pastic 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.
Zinc die casting, save-cover coated

Link to Product

Illustration



Product may differ from image

Approvals



* only for products with UL/CSA approved cable

cCSAus

Form

Form 238

General data

Standards	DN EN 6 076 2 0 (M 2)
Mounting method	inserted tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM

Pollution Degree	3
Stripping length (jacket)	20 mm
Temperature range	25 +85 °C depending on cable quality
Cables	
No /diameter of wires	3× 0.34 mm ²
Wire isolation	PP (br bl bk)
C track properties	0 Mio
Material (jacket)	PUR (UL/CSA) welding spark
Outer Ø	4.3 mm 5%
Bend radius (moving)	0× outer Ø
Temperature range (fixed)	40 +80 °C
Temperature range (mobile)	25 +80 °C
Cable identification	053
Cable Type	5 (PUR schweißfunkenbeständig)
Approval (cable)	cURus (AWM Style 20549/ 0493); CE conform
Cable weight [g/m]	29.70
Material (wire)	Cu wire bare
Resistor (core)	max 60 Ω/km (20 °C)
Single wire Ø (core)	0 mm
Construction (core)	42× 0 mm (multi strand wire class 6)
Diameter (core)	3× 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	PP
Material property (wire isolation)	CFC halogen cadmium silicone and lead free
Shore hardness (wire isolation)	74 3 D
Wire Ø incl isolation	2.5 mm 5%
Color/numbering of wires	br bk bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC halogen cadmium silicone and lead free matt low adhesion machine easy to process abrasion resistant hydrolysis microbial and welding spark resistant
Shore hardness (jacket)	58 3 D
Outer Ø (jacket)	4.3 mm 5%
Color (jacket)	yellow
chemical resistance	good resistance to oil gasoline and chemicals (EN 608 404)
thermal resistance	flame retardant UL FT2 EC 60332 EC 60332 2 2 welding spark resistant
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298 4
Temperature range (fixed)	40 +80 °C (+90 °C at max 0.000 operating hours)
Temperature range (mobile)	25 +80 °C (+90 °C at max 0.000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	0× outer Ø
No. of bending cycles (C track)	max 0 Mio (25 °C)
Traversing distance (C track)	max 5 m (horizontal)
Travel speed (C track)	max 3.3 m/s
Acceleration (C track)	max 5 m/s ²
Torsion stress	360°/m

No. of torsion cycles	max. Mio (25 °C)
Torsion speed	35 cycles/min
Jacket Color	yellow

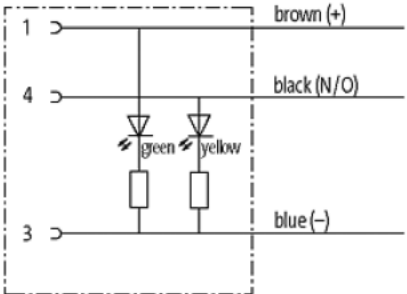
Technical Data

Operating voltage	24 V DC 25%
Operating voltage (only UL listed)	30 V DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Material group	EC 60664 category
Coding	A coded
LED display	(yellow/green)
Locking of ports	Screw thread (M 2× mm) recommended torque 0.6 Nm self-securing
Compression gland	M 2 (SW 3)
Protection	P65 P66K P67 inserted and tightened (EN 60529)
Material	PUR
suitable for corrugated tube (internal Ø)	0 mm
Locking material	Zinc die casting save cover coated

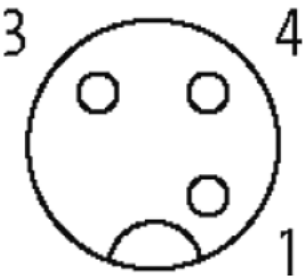
Commercial data

country of origin	DE
customs tariff number	85444290
eClass	2706 80
Packaging unit	

Sketch



Female



Product image for reference