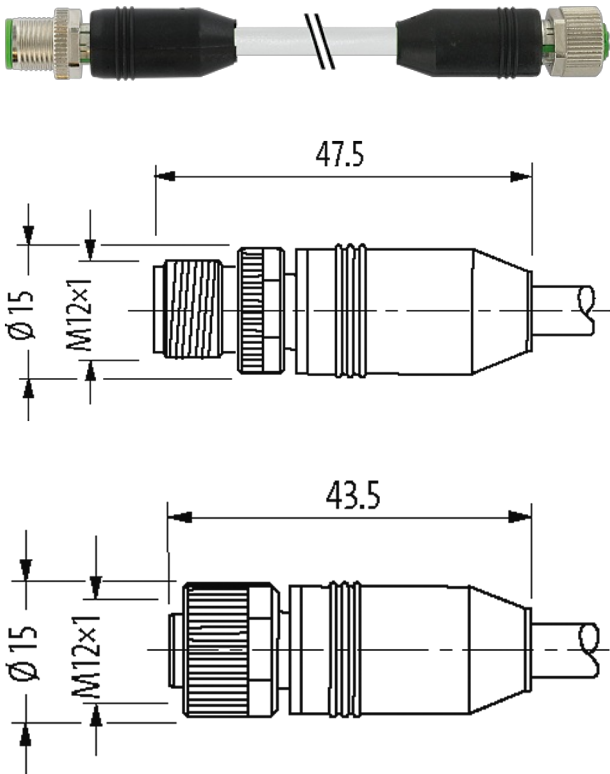


M12 male 0° / M12 female 0° shielded

PUR 5x0.34 shielded gy UL/CSA 0,3m

Male straight – female straight
M12 – M12, 5-pole
A-coded
shielded
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.

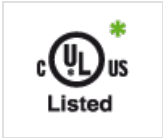
Illustration



Product may differ from Image

Approvals

cCSAus



* only for products with UL/CSA approved cable

EAC

Form

Form 40521

Cables

Cable number	351
No./diameter of wires	5 × 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk, gnye)
Jacket Color	gray
Material (jacket)	PUR (UL/CSA)

Outer Ø	6.9 mm ±5%
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Shield	yes
Color (jacket)	gray
Approval (cable)	UL (AWM-Style 20233/1992), CSA; CE conform
Diameter (core)	5× 0.34 mm ²
Cable identification	242
Cable Type	3 (PUR)
Cable weight [g/m]	57,20
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
AWG	similar to AWG 22
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
	min. 80%
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Outer-Ø (jacket)	5.6 mm ±5%
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 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
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Technical Data	
Operating voltage	max. 60 V AC/DC
Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	5
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)

Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	without

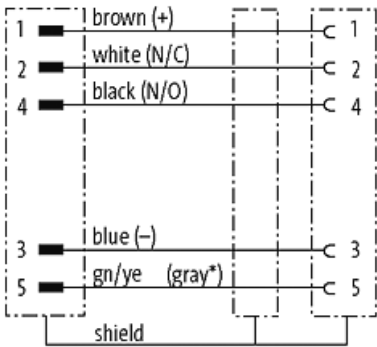
General data

Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

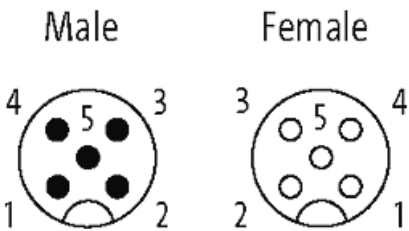
Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879338424
eClass	27279218
Packaging unit	1

Sketch



(* for cable type 203, 603, 243, 643)



Product may differ from Image