

## M12 male $0^{\circ}$ / M12 female $0^{\circ}$

PUR 5x0.34 gy UL/CSA+drag chain 25m

Male straight – female straight

M12 - M12, 5-pole

A-coded

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

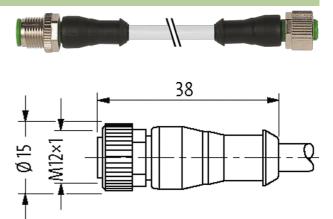
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

## **Link to Product**

### Illustration



Product may differ from Image

# Approvals



\* only for products with UL/CSA approved cable

cCSAus

Form	
Form	40041
General data	
Standards	DIN EN 61076-2-101 (M12)
Pollution Degree	3
Temperature range	-25+85 °C, depending on cable quality
Cables	
No./diameter of wires	5× 0.34 mm²
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.8 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40+80 °C
Temperature range (mobile)	-25+80 °C
Cable identification	235



stay connected

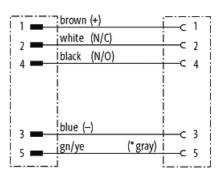
Bend radius (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180°/m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage         max. 125 V AC/DC           Operating voltage (only UL listed)         max. 30 V AC/DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection         IP65, IP66K, IP67 inserted and tightened (EN 60529)	Cable Type	3 (PUR)
Material (wire)   Cu wire, bare   Resistor (core)   max, \$7 Okm (20 °C)	Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Resider (core)         max. 57 Ω km (20 °C)           Single wire (10 core)         0.1 mm           Construction (core)         42 × 0.1 mm (multi-strand wire class 6)           Diameter (core)         5 × 0.34 mm²           AWG         almilar to AWG 22           Material gropetry (vire isolation)         PP           Material property (vire isolation)         CPC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         7.0 ± 5.0           Wire of Incl. isolation         1.25 mm 25%           Coloriumbering of wires         bry, br, br, wh, onye inorgiudinally striped           Sharading combination         5 wise shisted a round central filler           Shield         no           Material glockety         PUR           Material glockety         PUR           Material glockety         4.8 mm ±5%           Color (glocket)         gray           Chemical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           Hermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           Hermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           Hermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           Hermal resistance	Cable weight [g/m]	41,80
Single wire O (core)         0.1 mm (multi-strand wire class 6)           Construction (core)         42 - 0.1 mm (multi-strand wire class 6)           Diameter (core)         5 - 0.34 mm²           AWG         similar to AWG 22           Material (wire isolation)         PP           Material (wire isolation)         CFC-, Indegen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         70 ±5 D           Wile-Cincl. Isolation         1.25 mm ±5%           Coloriumbering of wires         br, bk, lwh, paye longitudinally stripted           Sharding combination         5 wires wristed around central filler           Shield         no           Material property (jacket)         CFC-, Indegen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant           Shore hardness (jacket)         90 ±5 A           Outer O (jacket)         48 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermical resistance         good resistance to oil, gasoline and chemical	Material (wire)	Cu wire, bare
Construction (core)         42 x 0.1 mm (multi-strand wire class 6)           Diameter (core)         5 x 0.34 mm²           AWG         similar to MV8 22           Material (wire isolation)         PP           Material (wire isolation)         CPC-, halogen-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         1 25 mm 25%           Colonhumbering of wire scalation         1 25 mm 25%           Scalarding combination         5 wires wisted around central filler           Shore Indicases (wire isolation)         70 ± 5 m 25%           Material property (lacket)         PUR           Material (wire isolation)         5 wires wisted around central filler           Shore Indicases (wire isolation)         1 25 mm 25%           Material (wire isolation)         7 wires wisted a round central filler           Shore Indicases (wires)         9 wires           Material (wires)         PUR           Material (wires)         PUR           Material (packet)         PUR           Shore hardness (sicket)         90 ± 5 m 25%           Outer Olipaketh         4 8 m 25%           Color (gazeth)         4 8 m 25%           Color (gazeth)         4 8 m 25%           Color (gazeth)         1 4 m 25 k 2 m 25 k	Resistor (core)	max. 57 <b>Ω</b> /km (20 °C)
Section   Sect	Single wire Ø (core)	0.1 mm
AWG         similar to AWG 22           Material (wire isolation)         PP           Material (wire isolation)         CPC-, halogen , cadmium , silicone and lead-free           Shore hardness (wire isolation)         70 ±5 D           Wire-Ø linct isolation         1.25 mm ±5%           Colorhumbering of wires         br, bk, bk, m, gnye longludinally striped           Stranding combination         5 wises swisted around central filler           Shield         no           Material (jacket)         PUR           Material property (jacket)         CPC-, halogen-, cadmium-, silicone- and lead-free, mati, low-adhesion, machine easy to process, abrasion-resistant.           Shore hardness (jacket)         90 ±5 A           Color (jacket)         4.8 mm ±5%           Color (jacket)         4.8 mm ±5%           Color (jacket)         gray           Hermal resistance         flame retardant UL 1581 VWI / CSA FT1 / IEC 60332-1, IEC 60332-2-2           Nominal voltage         300 V AC           Test voltage         280 V AC           Current load capacity         to DIN VDE 0298-4           Temperature range (fixed)         4080 °C, (+90 °C at max. 10 000 operating hours)           Temperature range (mobile)         -2580 °C, (+90 °C at max. 10 000 operating hours)           Bend radius (moving)	Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Material (wire isolation)         FP           Material property (wire isolation)         CFC, halogen, cadmium, silicone- and lead-free           Shore hardness (wire isolation)         125 mm ±5%           Colornumbering of wires         br, bk, bl., wh, grye longitudinally striped           Stranding combination         5 wires bristed around central filler           Shield         no           Material (powerly (lacket)         PUR           Material property (lacket)         PUR           Material property (lacket)         50 ±5 A           Other-O (jacket)         90 ±5 A           Other-O (jacket)         gray           Celor (jacket)         gray           Celor (jacket)         gray           Chemical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance to oil, gasoline and chemicals (E	Diameter (core)	5× 0.34 mm²
Material property (wire isolation)         CPC, halogen, cadmium, silicone- and lead-free           Shore hardness (wire isolation)         70.25 D           Wire-Olm Isolation         1.25 mm 25%           Colorhumbering of wires         br. bk. bl. wh, gnye longitudinally striped           Stranding combination         5 wires twisted around central filler           Sheld         no           Material (jacket)         PUR           Material property (jacket)         CPC, halogen, cadmium, silicone- and lead-free, mat, low-adhesion, machine easy to process, abrasion-resistant. Pydrolysis and microbial resistant.           Shore hardness (jacket)         90.15 A           Outer-O (jacket)         4.8 mm 15%           Color (jacket)         4.8 mm 15%           Color (jacket)         97 y           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           Termerature range (fixed)         40180 °C. (1490 °C at max. 10 000 operating hours)           Temperature range (fixed)         40180 °C. (1490 °C at max. 10 000 operating hours)           Bend radius (fixed)         5x outer O           Bend radius (fixed)         max. 10 Mio. (25 °C)	AWG	similar to AWG 22
Material property (wire isolation)         CPC, halogen, cadmium, silicone- and lead-free           Shore hardness (wire isolation)         70.25 D           Wire-Olm Isolation         1.25 mm 25%           Colorhumbering of wires         br. bk. bl. wh, gnye longitudinally striped           Stranding combination         5 wires twisted around central filler           Sheld         no           Material (jacket)         PUR           Material property (jacket)         CPC, halogen, cadmium, silicone- and lead-free, mat, low-adhesion, machine easy to process, abrasion-resistant. Pydrolysis and microbial resistant.           Shore hardness (jacket)         90.15 A           Outer-O (jacket)         4.8 mm 15%           Color (jacket)         4.8 mm 15%           Color (jacket)         97 y           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           Termerature range (fixed)         40180 °C. (1490 °C at max. 10 000 operating hours)           Temperature range (fixed)         40180 °C. (1490 °C at max. 10 000 operating hours)           Bend radius (fixed)         5x outer O           Bend radius (fixed)         max. 10 Mio. (25 °C)	Material (wire isolation)	PP
Shore hardness (wire isolation)         70 ±5 D           Wire-Gincl. Isolation         1.25 mm ±5%           Cotorhumbering of wires         br. kb, bl., wh., gnye longitudinally striped           Stranding combination         5 were twisted around central filler           Shold         no           Material (jackel)         PIR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, typoroysis and microbial resistant.           Shore hardness (jacket)         90 ±5 A           Outer-O (jacket)         4.8 mm ±5%           Color (jacket)         9 mm ±15%		CFC-, halogen-, cadmium-, silicone- and lead-free
Wite-O incl. isolation         1.25 mm ±5%           Colornumbering of wires         br, bk, bl, wh., grye longitudinally striped           Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PUR           Material property (jacket)         CPC, halogen, cadmium, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant           Shore hardness (gacket)         90.45 A           Color-(jacket)         48 mm ±5%           Color (jacket)         gray           chemical resistance         good resistance to oil, gasoline and chemicals (EN 60811-404)           thermal resistance         fame retardant UL 1581 VWI / CSA FT1 / IEC 60932-1, IEC 60932-22           Nominal voltage         300 V AC           Test voltage         2500 V AC           Current load capacity         50 NV DE 0298-4           Temperature range (fixed)         -4080 °C, (+90 °C at max. 10 000 operating hours)           Bend radius (fixed)         5× outer O           Bend radius (moving)         10× outer O           Bend radius (moving)         10× outer O           Bend radius (moving)         10× outer O           Bend radius (moving)         max. 10 mils*           No. of bording voles		
Color/numbering of wires         br, bl, bl, wh, gnye longitudinally striped           Stranding combination         5 wires twisted around central filler           Sheld         no           Material (jackel)         PUR           Material (jackel)         PUR           Material property (jackel)         CFC-, halogen, cadmium, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant floward pain and machines (jackel)           Shore hardness (jackel)         90 ± A           Color (jackel)         4.8 mm ±5%           Color (jackel)         gray           Memical 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         2500 V AC           Current load capacity         to DIN VIDE 0288-4           Temperature range (fixed)         40-180 *C, (+90 *C at max. 10.000 operating hours)           Eend radius (lixed)         5 × outer O           Beand radius (lixed)         5 × outer O           Beand radius (lixed)         6 × outer O           No. of bending cycles (C-track)         max. 10 Mio. (25 * C)           Travel speed (C-track)         max. 10 Mio. (25 * C) <th< td=""><td></td><td></td></th<>		
Stranding combination         5 wires twisted around central filler           Shield         no           Material (jacket)         PUR           Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, thydrolysis and microbial resistant           Shore hardness (jacket)         90 ± A           Outer-0 (jacket)         4.8 mm ±5%           Color (jacket)         90 ± A           Where it is strance         good resistance to oil, gasoline and chemicals (EN 60811-404)           Where it is strance         good resistance to oil, gasoline and chemicals (EN 60811-404)           Mominal voltage         300 V AC           Test voltage         2500 V AC           Current load capacity         to DIN VDE 0288-4           Temperature range (fixed)         40+80 °C, (+80 °C at max. 10 000 operating hours)           Bend radius (fixed)         5× outer Ø           Bend radius (fixed)         5× outer Ø           Bend radius (fixed)         5× outer Ø           Bend radius (fixed)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 10 Mio. (25 °C)           Torsion speed         35 cycles from           Acceleration (C-track)         max. 2 Mio. (25 °C)           Torsion speed <th< td=""><td></td><td></td></th<>		
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 and microbial resistant           Shore hardness (jacket)         90 ± 5 A           Color (jacket)         4.8 mm ±5%           Color (jacket)         gray           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         2500 V AC           Current load capacity         to DN VDE 0298 4           Temperature range (fixed)         4080 °C, (+90 °C at max. 10 000 operating hours)           Temperature range (mobile)         -55460 °C, (+90 °C at max. 10 000 operating hours)           Bend radius (fixed)         5 volter Ø           Bend radius (fixed)         5 volter Ø           Bend radius (fixed)         5 volter Ø           Bend radius (moving)         10 volter Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (G-track)         max. 10 mis*           Acceleration (G-track)         max. 2 Mio. (25 °C)           To		
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           Shore hardness (jacket)         90 ± 5 A           Outer-Ø (jacket)         48 mm ±5%           Color (jacket)         gray           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         2500 V AC           Current load capacity         to DIN VDE 0298-4           Temperature range (fixed)         -4049 °C, (+90 °C at max. 10 000 operating hours)           Temperature range (fixed)         -4080 °C, (+90 °C at max. 10 000 operating hours)           Bend radius (fixed)         5 × outer Ø           Bend radius (fixed)         5 × outer Ø           Bend radius (fixed)         5 × outer Ø           Tavel speed (C-track)         max. 10 Mio. (25 °C)           Tavel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Techni		
Material property (jacket)         CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant           Shore hardness (jacket)         90 ± 5 A           Outer-Ø (jacket)         4.8 mm ±5%           Color (jacket)         gray           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           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. 10 000 operating hours)           Temperature range (mobile)         -25+80 °C, (+90 °C at max. 10 000 operating hours)           Bend radius (fixed)         5 × outer Ø           Bend radius (moving)         10 × outer Ø           No. ot bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 10 mis²           No. ot torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data         Technical Data           Operating voltage         1.5 kV	<del> </del>	
Postaran, hydrolysis and microbial resistant   Shore hardness (jacket)   90 ±5 A	· · · · · · · · · · · · · · · · · · ·	
Outer Ø (jacket)         4.8 mm ±5%           Color (jacket)         gray           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         2500 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 (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 2 m/s           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180° m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage (only UL listed)         max. 25 V AC/DC           Operating voltage (only UL listed)		
Color (jacket)         gray           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         2500 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 (fixed)         5× outer Ø           Bend radius (fixed)         5× outer Ø           Bend radius (fixed)         max. 2 Milo. (25 °C)           Travel speed (C-track)         max. 10 Milo. (25 °C)           Travel speed (C-track)         max. 10 milo.           Acceleration (C-track)         max. 2 Milo. (25 °C)           Torsion stress         ±180 °/m           No. of torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage         max. 125 V AC/DC           Operating voltage (only UL listed)         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded		
Chemical resistance   good resistance to oil, gasoline and chemicals (EN 60811-404)		4.8 mm ±5%
thermal resistance flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2  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. 10 000 operating hours)  Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours)  Bend radius (fixed) 5× outer Ø  Bend radius (moving) 10× outer Ø  No. of bending cycles (C-track) max. 10 Mio. (25 °C)  Travel speed (C-track) max. 3 m/s  Acceleration (C-track) max. 10 m/s²  Torsion stress 180 °m  No. of torsion cycles max. 2 Mio. (25 °C)  Torsion speed 35 cycles/min  Jacket Color gray  Technical Data  Operating voltage (only UL listed) max. 30 V AC/DC  Operating voltage (only UL listed) max. 30 V AC/DC  Operating voltage (only UL listed) max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection I SERVING A CODE (SW13)  Protection I SERVING A CODE (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Color (jacket)	gray
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. 10 000 operating hours)           Temperature range (mobile)         -25+80 °C, (+90 °C at max. 10 000 operating hours)           Bend radius (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 10 m/s²           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180 °/m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage (only UL listed)         max. 125 V AC/DC           Operating voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)	chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Test voltage         2500 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 (fixed)         5x outer Ø           Bend radius (moving)         10x outer Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 10 m/s²           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180 °/m           No. of borsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage           Operating voltage (only UL listed)         max. 25 V AC/DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection <td< td=""><td>thermal resistance</td><td>flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2</td></td<>	thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
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 (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180 °/m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage         max. 125 V AC/DC           Operating voltage         max. 125 V AC/DC           Operating voltage (only UL listed)         max. 30 V AC/DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)	Nominal voltage	300 V AC
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 (fixed) 5 × outer Ø  Bend radius (moving) 10 × outer Ø  No. of bending cycles (C-track) max. 10 Mio. (25 °C)  Travel speed (C-track) max. 3 m/s  Acceleration (C-track) max. 10 m/s²  Torsion stress ±180 °/m No. of torsion cycles max. 2 Mio. (25 °C)  Torsion speed 35 cycles/min  Jacket Color gray  Technical Data  Operating voltage max. 125 V AC/DC  Operating voltage 1.5 kV  Operating current per contact max. 4 A  Material group EC 60664-1, category I  Coding A-coded  Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13)  Protection	Test voltage	2500 V AC
Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours)  Bend radius (fixed) 5× outer Ø  Bend radius (moving) 10× outer Ø  No. of bending cycles (C-track) max. 10 Mio. (25 °C)  Travel speed (C-track) max. 3 m/s  Acceleration (C-track) max. 10 m/s²  Torsion stress ±180 °/m No. of torsion cycles max. 2 Mio. (25 °C)  Torsion speed 35 cycles/min  Jacket Color gray  Technical Data  Operating voltage max. 125 V AC/DC  Operating voltage max. 30 V AC/DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection  IP65, IP66K, IP67 inserted and tightened (EN 60529)	Current load capacity	to DIN VDE 0298-4
Bend radius (fixed)         5× outer Ø           Bend radius (moving)         10× outer Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180 °/m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage         max. 125 V AC/DC           Operating voltage (only UL listed)         max. 30 V AC/DC           Rated surge voltage (urrent per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection         IP65, IP66K, IP67 inserted and tightened (EN 60529)	Temperature range (fixed)	-40+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (moving)         10× outer Ø           No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180°/m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage         max. 125 V AC/DC           Operating voltage (only UL listed)         max. 30 V AC/DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection         IP65, IP66K, IP67 inserted and tightened (EN 60529)	Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)
No. of bending cycles (C-track)         max. 10 Mio. (25 °C)           Travel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180 °/m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage         max. 125 V AC/DC           Operating voltage (only UL listed)         max. 30 V AC/DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection         IP65, IP66K, IP67 inserted and tightened (EN 60529)	Bend radius (fixed)	5× outer Ø
Travel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 10 m/s²           Torsion stress         ±180°/m           No. of torsion cycles         max. 2 Mio. (25 °C)           Torsion speed         35 cycles/min           Jacket Color         gray           Technical Data           Operating voltage         max. 125 V AC/DC           Operating voltage (only UL listed)         max. 30 V AC/DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Coding         A-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Compression gland         M12 (SW13)           Protection         IP65, IP66K, IP67 inserted and tightened (EN 60529)	Bend radius (moving)	10× outer Ø
Acceleration (C-track) max. 10 m/s²  Torsion stress ±180°/m  No. of torsion cycles max. 2 Mio. (25°C)  Torsion speed 35 cycles/min  Jacket Color gray  Technical Data  Operating voltage max. 125 V AC/DC  Operating voltage (only UL listed) max. 30 V AC/DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group EC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection  IRAC Material group IRAC M12 (EN 60529)	No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Torsion stress ±180 °/m  No. of torsion cycles max. 2 Mio. (25 °C)  Torsion speed 35 cycles/min  Jacket Color gray  Technical Data  Operating voltage max. 125 V AC/DC  Operating voltage (only UL listed) max. 30 V AC/DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Travel speed (C-track)	max. 3 m/s
No. of torsion cycles       max. 2 Mio. (25 °C)         Torsion speed       35 cycles/min         Jacket Color       gray         Technical Data         Operating voltage       max. 125 V AC/DC         Operating voltage (only UL listed)       max. 30 V AC/DC         Rated surge voltage       1.5 kV         Operating current per contact       max. 4 A         Material group       IEC 60664-1, category I         Coding       A-coded         Locking of ports       Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing         Compression gland       M12 (SW13)         Protection       IP65, IP66K, IP67 inserted and tightened (EN 60529)	Acceleration (C-track)	max. 10 m/s <sup>2</sup>
Torsion speed 35 cycles/min  Jacket Color gray  Technical Data  Operating voltage max. 125 V AC/DC  Operating voltage (only UL listed) max. 30 V AC/DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Torsion stress	±180°/m
Jacket Color gray  Technical Data  Operating voltage max. 125 V AC/DC  Operating voltage (only UL listed) max. 30 V AC/DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	No. of torsion cycles	max. 2 Mio. (25 °C)
Technical Data  Operating voltage max. 125 V AC/DC  Operating voltage (only UL listed) max. 30 V AC/DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Torsion speed	35 cycles/min
Operating voltage (only UL listed) max. 30 V AC/DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Jacket Color	gray
Operating voltage (only UL listed)  Rated surge voltage  1.5 kV  Operating current per contact  max. 4 A  Material group  IEC 60664-1, category I  Coding  A-coded  Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland  M12 (SW13)  Protection  IP65, IP66K, IP67 inserted and tightened (EN 60529)	Technical Data	
Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Operating voltage	max. 125 V AC/DC
Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Operating voltage (only UL listed)	max. 30 V AC/DC
Material group IEC 60664-1, category I Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Rated surge voltage	1.5 kV
Material group IEC 60664-1, category I Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Operating current per contact	max. 4 A
Coding A-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Material group	IEC 60664-1, category I
Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Coding	
Compression gland M12 (SW13)  Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Protection IP65, IP66K, IP67 inserted and tightened (EN 60529)	Compression gland	M12 (SW13)
	Locking material	Zinc die casting, matte nickel plated



stay connected

Material	PUR
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879472104
eClass	27279218
Packaging unit	1
Sketch	

### 41 W12x1 W10x1 W10

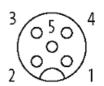


(\* for cable type 126, 732, 219, 619)

Male

Female





Product may differ from Image