

## M12 male 0° / M12 male 0° shielded Ethernet

PUR 2x2xAWG22 shielded gn UL/CSA+dragchain 20m

Ethernet CAT5

Male straight – male straight
M12 – M12, 4-pole
D-coded
shielded

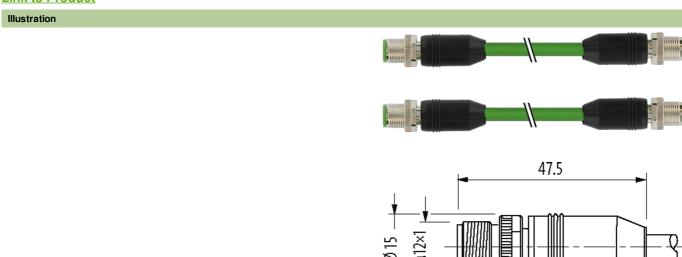
without cable sleeves

Further cable lengths on request.

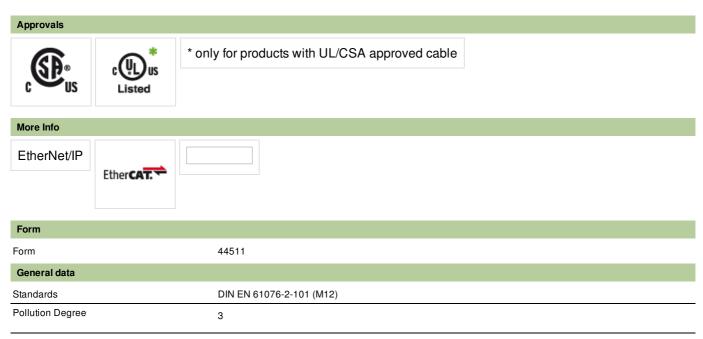
Plastic housings with good resistance against chemicals and oils.

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

## **Link to Product**



Product may differ from Image





Temperature range -25...+85 °C, depending on cable quality

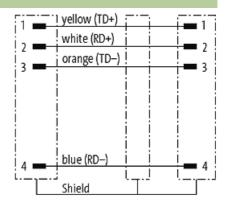
Cable         Control           Vo. // Idlameter of wines         2 - 2 + 0.34 mm²           Verice Solution         PE (wh., yb. b). 01           Chrock properties         3 Mo.           Jacked Color         green           Material (jacked)         PUR (ULCSA)           Cuter 0         6.7 mm :5%           Beard radius (moving)         12 - cuter 0           Temperature range (fleed)         40 - 100 ° C           Temperature range (fleed)         40 - 100 ° C           Temperature range (fleed)         70 ° C           Cabbie indentification         70 ° C           Approval (cabbie)         0.1 (AMM-Skyla 2023311002), CSA: CE           Cabbie weight (jam)         69.3           Mallerial (yacked)         0.2 (win, bare           Mallerial (yacked)         0.2 (win, bare           Material (yacked)         1.4 mm :5%           Material (yacked)         9.4 (win :5%)           Mallerial (yacked)         9.7 mm :5%           Ma	Temperature range	-25+85 °C, depending on cable quality
Wire isolation         PE (wh., ye, bl., or)           Chack properties         3 Mio.           Jacked Color         green           Material (jacket)         PUR (ULIOSA)           Outer 0         6.7 mm. 15%           Beard radius (moving)         12° couter 0           Temperature range (flood)         40.40° °C           Temperature range (mobile)         30.470° °C           Cabble identification         796           Approval (cabbe)         ULI (AWM-Style 2023/11602), CSA: CE           Cabble weight (garry)         69.3           Material (wir)         Culwire, barre           Resistor (croe)         max. 55 (Mm. (20° °C)           Damareter (core)         2.2 x MX022           Material (wire isolation)         PE           Wire Of Incl. (solation)         PE           Wire Of Incl. (solation)         PE           Wire Of Incl. (solation)         9           Wire Of Incl. (solation)         1.4 mm. 15%           Coloriumbering of wires         wh., ye.), or           Shield         yes           Material (jacket)         PUR           Out-or O (jacket)         grown           Material (jacket)         9           Pure (garding or (jacket)         1	Cables	
C track properties         3 Mio.           Jacket Color         green           Material (jacken)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Bend radius (moving)         12× outer Ø           Tomporature range (fixed)         40. +80 ° C           Tomporature range (mobile)         30. +70 ° C           Cabite identification         796           Approval (cabite)         UL, (XMM-Style 2023311602), CSA: CE           Cabite identification         69.3           Material (wirie)         Cu wire, bure           Resistor (core)         max 55 DAm (20 ° C)           Diameter (core)         max 55 DAm (20 ° C)           Diameter (core)         max 55 DAm (20 ° C)           Material (wire lockation)         PE           View Official (solidation)         1.4 mm ±5%           Coloriumbering of wires         wh. ye. bl. or           Shield         yes           min. 85%         Material (jacket)           Color (jacket)         prun           merral resistance         film material (LL 1581 Section 1080 (FT1), Section 1081 (cable filme), Section 1080 (WW-1) / IEC 60324 - 2           Mominal valuage         300 V           Tomporature range (mobile)         3080 ° C           Ben	No./diameter of wires	2× 2× 0.34 mm²
Jackel Color   green   PUR (ULCSA)	Wire isolation	PE (wh, ye, bl, or)
Material (jacket)         PUR (ULCSA)           Outer Ø         6.7 mm ±5%           Bedri ardius (moving)         12× outer Ø           Temperature range (fixed)         40 - ±80 °C           Temperature range (mobilo)         30 - ₹70 °C           Cabble (dentification)         768           Approval (cable)         UL (AWM-Style 2023311602), CSA: CE           Cabble (weight [gm])         69.3           Material (Wire)         Cu wire, Dare           Peasister (core)         2x ≥ x AWG22           Basister (core)         2x ≥ x AWG22           Marcer (core)         2x ≥ x AWG22           Wire-Ø (not.) isolation         1.4 mm ±5%           Coloriumbering of wires         why.ye, bl. or           Shield         yes           Louter-Ø (jacket)         pe           Material (jacket)         PUR           Cuter-Ø (jacket)         6.7 mm ±5%           Coloriumbering of wires         finansweitig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (W-1) / EC           Coloriumbering virtue         6.7 mm ±5%           Coloriumbering virtue         6.7 mm ±5%           Coloriumbering of wires         8.7 mm ±5%           Coloriumbering virtue         6.7 mm ±5%           Colorium-	C-track properties	3 Mio.
Outer O         6.7 mm ±5%           Bend radius (moving)         12x outer O           Temperature range (trobile)         4080 °C           Temperature range (mobile)         30170 °C           Cabbi individualion         796           Approval (cabbe)         UL (AWA-Style 20232/11602), CSA, CE           Cabbi weight (gml)         69.3           Material (wive)         Cu wire, bare           Resistor (core)         2x 2x AWG22           Material (wive) isolation)         PE           Wire-O incl. isolation         1.4 mm ±5%           Coloriumbering of wires         wh. ye, bl. or           Shield         yes           Material (jacket)         PUR           Outer-O (jacket)         6.7 mm ±5%           Color (jacket)         6.7 mm ±5%           Color (jacket)         green           Material (jacket)         PUR           Outer-O (jacket)         green           Mornal resistance         flammwidrig nach UL 1581 Section 1061 (cable flame), Section 1080 (WW-1) / IEC           Mornal avoitage         300 70° °C           Bend radius (fixed)         5x outer O           Bend radius (fixed)         5x outer O           Bend radius (fixed)         max. 3 mis <tr< td=""><td>Jacket Color</td><td>green</td></tr<>	Jacket Color	green
Bend radius (moving)         12 · outer Ø           Temperature range (fixed)         40 · . 480 ° C           Temperature range (mobile)         30 · . 70 ° C           Cable identification         796           Approval (cable)         UL (AWM-Syle 20233/11602), CSA: CB           Cable weight (gim)         65.3           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 QAM: (20 ° C)           Dameter (core)         2 · 2 · AWG22           Material (wire isolation)         PE           Wire-O Incl. isolation         1.4 mm ±5%           Coloriumbering of vires         wh, yo, bi, or           Sheid         yes           Material (jacket)         PIR           Outer-O (jacket)         5.7 mm ±5%           Color (jacket)         green           Material (jacket)         yes           Color (jacket)         green           Marenal resistance         fishermeddign and UL 1581 Section 1060 (FT1), Section 1061 (cable fame), Section 1080 (WH-1)/IEC           Hemmal resistance         fishermeddign and UL 1581 Section 1060 (FT1), Section 1061 (cable fame), Section 1080 (WH-1)/IEC           Temperature range (fixed)         30 · . 70° ° C           Bend radius (fixed)         30 · . 70° ° C           Bend radiu	Material (jacket)	PUR (UL/CSA)
Temperature range (fixed)	Outer Ø	6.7 mm ±5%
Temperature range (mobile)   -30+70 °C	Bend radius (moving)	12× outer Ø
Cable identification         796           Approval (cable)         UL (AWM-Syle 20233/11602), CSA; CE           Cable weight (girt)         69.3           Material (wire)         Cu wire, barre           Resistor (core)         max. 55 Dkm (20 °C)           Diameter (core)         2 x 2 x AWG22           Material (wire isolation)         PE           Wire-Ø incl. isolation         1.4 mm ±5%           Color/unbering of wires         wh, ye, bl. or           Shold         yes           Color (glacke)         PUR           Outer-Ø (jacket)         6.7 mm ±5%           Cuter-Ø (jacket)         6.7 mm ±5%           Cuter-Ø (jacket)         6.7 mm ±5%           Cuter-Ø (jacket)         green           Material (jacket)         green           Itemmal resistance         flammwiding nach UL 1581 Section 1080 (FT1), Section 1081 (pable flame), Section 1080 (W-1) / IEC 6002 (pable)           Nominal voltage         300 V           Temperature range (fixed)         40480 °C           Temperature range (mobile)         30470 °C           Bend radius (moving)         12x outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traveriag distance (G-track)         max. 50 V DC <tr< td=""><td>Temperature range (fixed)</td><td>-40+80 °C</td></tr<>	Temperature range (fixed)	-40+80 °C
Approval (cable)         UL (AWM-Style 2023/11602), CSA; CE           Cable weight [g/m]         69.3           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ωkm (20 °C)           Diameter (core)         2 × 2 x AWG22           Material (wire isolation)         PE           Wire-Olnci, Solation         1.4 mm ±5%           Color/numbering of wires         wh. ye. bl. or           Shield         yes           min. 85%         Material (jacket)           PUR         PUR           Outer Ø (jacket)         6.7 mm ±5%           Color (jacket)         green           Iffammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1:2           Nominal voltage         300 V           Temperature range (fixed)         4080 ° C           Temperature range (fixed)         4080 ° C           Bend radius (fixed)         5 × outer Ø           Bend radius (moving)         12 × outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 ° C)           Traversing distance (C-track)         max. 5 m (horizontal)           Traversing distance (C-track)         max. 60 V DC           Operating voltage (only UL listed)         max. 60 V DC	Temperature range (mobile)	-30+70 °C
Cable weight [g/m]         69,3           Material (wire)         Cu wire, bare           Resistor (core)         max. 55 Ω/km (20 °C)           Diameter (core)         2.2 x 2 x M/G22           Material (wire isolation)         PE           Wife-9 Incl. isolation         1.4 mm ±5%           Colorinumbering of wires         wh. ye. bl. or           Shield         yes           Material (jacket)         PUR           Outer-0 (jacket)         6.7 mm ±5%           Color (jacket)         green           Iflammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC e0332-1-2.           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         5× outer Ø           Bend radius (fixed)         5× outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 m/s           Acceleration (C-track)         max. 5 m (horizontal)           Traversing voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 60 V DC           Operating voltage (only UL listed)         max. 60 V DC	Cable identification	796
Material (wire)         Cu wire, bare           Resistor (core)         max. 55 (JMm (20 °C)           Diameter (core)         2 × 2 × AWG22           Material (wire stolation)         PE           Wire-O incl. Isolation         1.4 mm ±5%           Color/numbering of wires         wh, ye, bl. or           Shield         yes           min. 85%         Material (jacket)           Material (jacket)         PUR           Cuter-O (jacket)         6.7 mm ±5%           Color (jacket)         green           thermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2           Nominal voltage         30 0 V           Temperature range (fixed)         -40480 °C           Temperature range (mobile)         3070 °C           Bend radius (fixed)         5 × outer Ø           Bend radius (fixed)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 m/s           Acceleration (C-track)         max. 2 m/s²           Technical Data         Cperating voltage (only UL listed)           Operating voltage         max. 60 V DC           Operating voltage (only UL listed)	Approval (cable)	UL (AWM-Style 20233/11602), CSA; CE
Resistor (core)         max. 55 Ω/km (20 °C)           Diameter (core)         2 x 2 x AWG22           Material (vire isolation)         PE           Wire-Point. Isolation         1.4 mm ±5%           Color/numbering of wires         wh, ye, bl. or           Shield         yes           Material (jacket)         PUR           Outer-Ø (jacket)         6.7 mm ±5%           Color (jacket)         green           Itermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2           Nominal voltage         300 V           Temperature range (fixed)         -4080 °C           Femperature range (mobile)         -3070 °C           Bend radius (fixed)         5 x outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 mis           Acceleration (C-track)         max. 5 m (horizontal)           Traversing voltage         max. 6 v V DC           Operating voltage         max. 6 v V DC           Ceptating voltage (only UL listed)         max. 30 v DC           Rated surge voltage (only UL listed)         max. 30 v DC           Rated surge voltage (only UL listed)         max. 4 A           M	Cable weight [g/m]	69,3
Diameter (core)         2 x 2 x AWG22           Material (wire isolation)         PE           Wire-Ø incl. Isolation         1.4 mm ±5%           Color/numbering of wires         wh, ye, bl, or           Shield         yes           Material (jacket)         PUR           Outer-Ø (jacket)         6.7 mm ±5%           Color (jacket)         green           thermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (WV-1) / IEC 6032-1-2           Nominal voltage         300 V           Temperature range (fixed)         40+80 °C           Temperature range (mobile)         5070 °C           Bend radius (fixed)         5 voter Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 m/s           Acceleration (C-track)         max. 3 m/s           Acceleration (C-track)         max. 3 m/s           Perholated Data         Technical Data           Operating voltage         max. 60 V DC           Caperating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.5 kV           Operating outernet per contact	Material (wire)	Cu wire, bare
Material (wire isolation)         PE           Wire-G incl. isolation         1.4 mm ±5%           Color/numbering of wires         wh, ye, b, or           Shield         yes           min. 85%         min. 85%           Material (jacket)         PUR           Outer-G (jacket)         6.7 mm ±5%           Color (jacket)         green           flammwiding nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         5× outer Ø           Bend radius (moving)         12× outer Ø           No. of bending cycles (C-track)         max 3 Mio. (25 °C)           Traver speed (C-track)         max 5 m (horizontal)           Traver speed (C-track)         max 5 m (horizontal)           Traver speed (C-track)         max 2 m/s²           Technical Data           Operating vortage (enry UL listed)         max 30 v DC           Rated surge voltage         1.5 kV           Operating urent per contact         max 4 A           Material group         IEC 6664-1, category I           Transfer par	Resistor (core)	max. 55 Ω/km (20 °C)
Wire-Øincl. isolation         1.4 mm ±5%           Color/numbering of wires         wh, ye, bl, or           Shield         yes           min. 85%         min. 85%           Material (jacket)         PUR           Outer-Ø (jacket)         green           thermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 63032-1-2           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (fixed)         5x outer Ø           Bend radius (fixed)         5x outer Ø           Bend radius (moving)         12x outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 mis.           Acceleration (C-track)         max. 3 mis.           Acceleration (C-track)         max. 2 m/s²           Technical Data           Operating voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Transfer rate         up to 100 Mbits full duplex <td>Diameter (core)</td> <td>2× 2× AWG22</td>	Diameter (core)	2× 2× AWG22
Color/numbering of wires         wh, ye, bl, or           Shield         yes           min. 85%         min. 85%           Material (jacket)         PUR           Outer-Ø (jacket)         green           thermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         5× outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 3 m/s           Acceleration (C-track)         max. 5 m (horizontal)           Traver speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 30 v DC           Tetchnical Data         (Departing voltage (only UL listed)           Operating voltage (only UL listed)         max. 4 M           Material group         IEC 60664-1, category I           Transfer parameters         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 10 Mbit's full duplex           Coding         D-coded           Locking of ports         Screw thread (M12×1 mm) recommen	Material (wire isolation)	PE
Shield   yes	Wire-Ø incl. isolation	1.4 mm ±5%
min. 85%	Color/numbering of wires	wh, ye, bl, or
Material (jacket)         PUR           Outer-Ø (jacket)         6.7 mm ±5%           Color (jacket)         green           thermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332:1-2           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         5 × outer Ø           Bend radius (moving)         12× outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 5 m (horizontal)           Travel speed (C-track)         max. 3.3 m/s           Acceleration (C-track)         max. 2 m/s²           Technical Data         Cperating voltage           Operating voltage         max. 60 V DC           Operating voltage         max. 30 V DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 6064-1, category I           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit's full duplex           Coding         D-coded	Shield	yes
Outer-Ø (jacket)         6.7 mm ±55%           Color (jacket)         green           thermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         5× outer Ø           Bend radius (moving)         12× outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 5 m (horizontal)           Travel speed (C-track)         max. 3 m/s           Acceleration (C-track)         max. 2 m/s²           Technical Data         0perating voltage           Operating voltage         max. 60 V DC           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Transfer parameters         CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Transfer rate         up to 100 Mbits full duplex           Coding         D-coded           Locking of ports         Screw thread (M12		min. 85%
Color (jacket)         green           thermal resistance         flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60322-1-2           Nominal voltage         300 V           Temperature range (fixed)         -40+80 °C           Temperature range (mobile)         -30+70 °C           Bend radius (fixed)         5× outer Ø           Bend radius (moving)         12× outer Ø           No. of bending cycles (C-track)         max. 3 Mio. (25 °C)           Traversing distance (C-track)         max. 5 m (horizontal)           Travel speed (C-track)         max. 3.3 m/s           Acceleration (C-track)         max. 2 m/s²           Technical Data         Operating voltage           Operating voltage (only UL listed)         max. 30 V DC           Rated surge voltage         1.5 kV           Operating current per contact         max. 4 A           Material group         IEC 60664-1, category I           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Transfer rate         up to 100 Mbit/s full duplex           Coding         D-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing	Material (jacket)	PUR
thermal resistance flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2  Nominal voltage 300 V  Temperature range (fixed) -40+80 °C  Temperature range (mobile) -30+70 °C  Bend radius (fixed) 5× outer Ø  Bend radius (moving) 12× outer Ø  No. of bending cycles (C-track) max. 3 Mio. (25 °C)  Traversing distance (C-track) max. 5 m (horizontal)  Travel speed (C-track) max. 2 m/s²  Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Outer-Ø (jacket)	6.7 mm ±5%
Nominal voltage 300 V  Temperature range (fixed) -40+80 °C  Temperature range (mobile) -30+70 °C  Bend radius (fixed) 5× outer Ø  Bend radius (moving) 12× outer Ø  No. of bending cycles (C-track) max. 3 Mio. (25 °C)  Traversing distance (C-track) max. 5 m (horizontal)  Travel speed (C-track) max. 3 m/s  Acceleration (C-track) max. 2 m/s²  Technical Data  Operating voltage only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Color (jacket)	green
Temperature range (fixed) -40+80 °C  Temperature range (mobile) -30+70 °C  Bend radius (fixed) 5× outer Ø  Bend radius (moving) 12× outer Ø  No. of bending cycles (C-track) max. 3 Mio. (25 °C)  Traversing distance (C-track) max. 5 m (horizontal)  Travel speed (C-track) max. 3 m/s  Acceleration (C-track) max. 2 m/s²  Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	thermal resistance	
Temperature range (mobile) -30+70 °C  Bend radius (fixed) 5× outer Ø  Bend radius (moving) 12× outer Ø  No. of bending cycles (C-track) max. 3 Mio. (25 °C) Traversing distance (C-track) max. 5 m (horizontal)  Travel speed (C-track) max. 3.3 m/s  Acceleration (C-track) max. 2 m/s²  Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13)	Nominal voltage	300 V
Bend radius (fixed) 5× outer Ø  Bend radius (moving) 12× outer Ø  No. of bending cycles (C-track) max. 3 Mio. (25 °C)  Traversing distance (C-track) max. 5 m (horizontal)  Travel speed (C-track) max. 3 m/s  Acceleration (C-track) max. 2 m/s²  Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Temperature range (fixed)	-40+80 °C
Bend radius (moving)       12× outer Ø         No. of bending cycles (C-track)       max. 3 Mio. (25 °C)         Traversing distance (C-track)       max. 5 m (horizontal)         Travel speed (C-track)       max. 3.3 m/s         Acceleration (C-track)       max. 2 m/s²         Technical Data         Operating voltage       max. 60 V DC         Operating voltage (only UL listed)       max. 30 V DC         Rated surge voltage       1.5 kV         Operating current per contact       max. 4 A         Material group       IEC 60664-1, category I         Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Transfer rate       up to 100 Mbit/s full duplex         Coding       D-coded         Locking of ports       Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing         Compression gland       M12 (SW13)	Temperature range (mobile)	-30+70 °C
No. of bending cycles (C-track)  max. 3 Mio. (25 °C)  Traversing distance (C-track)  max. 5 m (horizontal)  Travel speed (C-track)  max. 3.3 m/s  Acceleration (C-track)  max. 2 m/s²  Technical Data  Operating voltage  Operating voltage (only UL listed)  max. 30 V DC  Rated surge voltage  1.5 kV  Operating current per contact  max. 4 A  Material group  IEC 60664-1, category I  Transfer parameters  CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate  up to 100 Mbit/s full duplex  Coding  D-coded  Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland  M12 (SW13)	Bend radius (fixed)	5× outer Ø
Traversing distance (C-track)  max. 5 m (horizontal)  Travel speed (C-track)  max. 3.3 m/s  Acceleration (C-track)  max. 2 m/s²  Technical Data  Operating voltage  max. 60 V DC  Operating voltage (only UL listed)  max. 30 V DC  Rated surge voltage  1.5 kV  Operating current per contact  max. 4 A  Material group  IEC 60664-1, category I  Transfer parameters  CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate  up to 100 Mbit/s full duplex  Coding  D-coded  Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland  M12 (SW13)	Bend radius (moving)	12× outer Ø
Travel speed (C-track) max. 3.3 m/s  Acceleration (C-track) max. 2 m/s²  Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	No. of bending cycles (C-track)	max. 3 Mio. (25 °C)
Acceleration (C-track) max. 2 m/s²  Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Traversing distance (C-track)	max. 5 m (horizontal)
Technical Data  Operating voltage max. 60 V DC  Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)		max. 3.3 m/s
Operating voltage (only UL listed) max. 30 V DC  Rated surge voltage 1.5 kV Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Acceleration (C-track)	max. 2 m/s <sup>2</sup>
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  Transfer parameters  CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate  up to 100 Mbit/s full duplex  Coding  D-coded  Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland  M12 (SW13)	Technical Data	
Rated surge voltage  1.5 kV  Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Operating voltage	max. 60 V DC
Operating current per contact max. 4 A  Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Operating voltage (only UL listed)	max. 30 V DC
Material group IEC 60664-1, category I  Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Rated surge voltage	1.5 kV
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Operating current per contact	max. 4 A
Transfer rate up to 100 Mbit/s full duplex  Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Material group	IEC 60664-1, category I
Coding D-coded  Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland M12 (SW13)	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  Compression gland  M12 (SW13)	Transfer rate	up to 100 Mbit/s full duplex
Compression gland M12 (SW13)	Coding	D-coded
	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Protection IP67 inserted and tightened (EN 60529)	Compression gland	M12 (SW13)
	Protection	IP67 inserted and tightened (EN 60529)



stay connected

Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal $\emptyset$ )	without
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879514484
eClass	27061801
Packaging unit	1

## Sketch



Male

Male





Product may differ from Image