

M12 MALE,0° SHIELDED, D CODED, ETHERNET

PUR 2x2xAWG22 shielded red UL,CSA+dragchain 3m

Ethernet CAT5

Male straight

M12, 4-pole

D-coded

shielded

Further cable lengths on request.

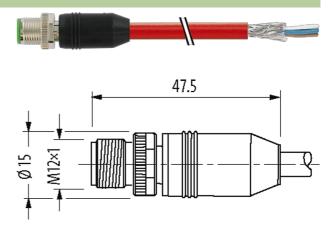
Plastic housings with good resistance against chemicals and oils.

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

Transmission properties with channel transmission up to 100 m

Link to Product

Illustration



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

cCSAus

More Info





Form	
Form	14541
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

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 02/21



Transfer rate Up to 100 Mosts full duplex	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Locking of ports	Transfer rate	up to 100 Mbit/s full duplex
Projection IPSS, IPSSR,	Coding	D-coded D-coded
Protection P65, IP66K, IP67 inserted and tightened (EN 80529)	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Locking material Zinc die casting, matter nickel plated	Compression gland	M12 (SW13)
Material PUR	Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Suitable for corrugated tube (internal 0) without	Locking material	Zinc die casting, matte nickel plated
Sandards	Material	PUR
Standards	suitable for corrugated tube (internal Ø)	without
Pollution Degree 3	General data	
Temperature range -2565 °C, depending on cable quality Cables Cable number 792 No.diameter of wires 2 × 2 × 0.34 mm² Wire isolation PO (wh, ye, bl. or) C-track properties 3 Mio. Jacket Color red Material (jacket) PUR (ULCSA) Outer Ø 6.7 mm 15% Bend radius (moving) 12× outer Ø Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C Temperature range (fixed) -30+70 °C Cable identification 792 Approval (cable) UL (AWM-Style 20233/11602), CSA; CE Cable weight (gm) 69.30 Material (wire) Cu wire, bare Resistor (core) max. 55 Ωkm (20 °C) Diameter (core) 2 × 2 × AWG2 Material (wire isolation) P.O Wire-Ø incl. isolation 1.4 mm ±5% Color/unmbering of wires wh. ye. bl. or Shield yes Optical shield cover min 85% Material (jacket)	Standards	DIN EN 61076-2-101 (M12)
Cables Cable number 792 No.diameter of wires 2 × 2 × 0.34 mm² Wire isolation PO (wh. ye. bl. or) C-track properties 3 Mio. Jacket Color red Material (jacket) PUR (ULCSA) Outer Ø 6.7 mm ±5% Bend radius (moving) 12 × outer Ø Temperature range (mobile) 30 +70 °C Temperature range (mobile) 30 +70 °C Cable identification 792 Approval (cable) UL (AWM-Style 20233/11602), CSA; CE Cable weight [gm] 69.30 Material (wire) Gu wire, bare Resistor (core) max. 55 Ω/m (20 °C) Diameter (core) 2 × 2 × AW022 Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Colorhumbering of wires wh. ye. bl. or Shield yes opical shield cover min. 85% Material (jacket) PUR Cuter-Ø (jacket) 6.7 mm ±5% Color (jacket) red th	Pollution Degree	3
No.idiameter of wires 2 × 2 × 0.34 mm²	Temperature range	-25+85 °C, depending on cable quality
No./diameter of wires 2 × 2 × 0.34 mm²	Cables	
Wire isolation PO (wh, ye, bl, or) C-track properties 3 Mio. Jacket Color red Material (jacket) PUR (ULCSA) Outer Ø 6.7 mm ±5% Bend radius (moving) 12× outer Ø Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C Cable identification 792 Approval (cable) UL (AWM-Style 20233/11602), CSA; CE Cable weight [pm] 69,30 Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/m (20 °C) Diameter (core) 2x 2x AWG22 Material (wire isolation) PO Wire-Ø inol. isolation 1.4 mm ±5% Color/numbering of wires wh. ye. bl. or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant Nominal voltage 300 V Temperature range (fixed) -4	Cable number	792
C-track properties 3 Mio. Jacket Color red Material (jacket) PUR (ULCSA) Outer Ø 6.7 mm ±5% Bend radius (moving) 12× outer Ø Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C Cable identification 792 Cable weight (g/m) 69,30 Material (wire) Gu wire, bare Resistor (core) max. 55 M/m (20 °C) Diameter (core) 2× 2× AWG22 Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Color/numbering of wires wh, ye, bl, or Sheld yes Material (jacket) PUR Outer-Ø (jacket) red Outer-Ø (jacket) red thermal resistance flame retardant Nominal voltage 300 V Temperature range (mobile) -30+70 °C Temperature range (mobile) -30+70 °C Temperature range (mobile) -30+70 °C Bend radius (fixed) 5× outer Ø Bend radius (fixed) 5× outer Ø Bend radius (fixed) -30+70 °C Bend radius (fixed) -30+70 °C Bend radius (fixed) -30+70 °C Temperature range (mobile) -30+70 °C Temperature range (mobile) -30+70 °C Temperature distance (C-track) max. 3 m/s	No./diameter of wires	2× 2× 0.34 mm²
Jacket Color red Material (jacket) PUR (ILLCSA) Outer Ø 6.7 mm ±5% Bend radius (moving) 12 × outer Ø Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C Cable identification 792 Approval (cable) UL (AWM-Style 20233/11602), CSA; CE Cable weight [g/m] 69,30 Material (wire) Cu wire, bare Resistor (core) max. 55 Dkm (20 °C) Diameter (core) 2 × 2 × AWG22 Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C Bend radius (moving) <td>Wire isolation</td> <td>PO (wh, ye, bl, or)</td>	Wire isolation	PO (wh, ye, bl, or)
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Outer Ø 6.7 mm ±5% Bend radius (moving) 12× outer Ø Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C Cable identification 792 Approval (cable) UL (AWM-Style 20233/11602), CSA; CE Cable weight [g/m] 69.30 Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Diameter (core) 2x ≥x AWG22 Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes optical shield cover min. 85% Material (jacket) PUR Culer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant Nominal voltage 300 V Temperature range (fixed) -40+80 °C Temperature range (mobile) -30+70 °C Bend radius (moving) 12× outer Ø No. of bending cycles (C-track) max. 3 Mio. (25 °C) <tr< td=""><td>Jacket Color</td><td>red</td></tr<>	Jacket Color	red
Bend radius (moving) 12× outer Ø 7	Material (jacket)	PUR (UL/CSA)
Temperature range (fixed)	Outer Ø	6.7 mm ±5%
Temperature range (mobile) -30+70 °C Cable identification 792 Approval (cable) UL (AWM-Style 20233/11602), CSA; CE Cable weight [g/m] 69.30 Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/m (20 °C) Diameter (core) 2 × 2 × AWG22 Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Colorinumbering of wires wh, ye, bl. or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant 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) Traversing distance (C-track) <td< td=""><td>Bend radius (moving)</td><td>12× outer Ø</td></td<>	Bend radius (moving)	12× outer Ø
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Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Diameter (core) 2× 2× AWG22 Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Color/inumbering of wires wh, ye, bl, or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant 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	Approval (cable)	UL (AWM-Style 20233/11602), CSA; CE
Resistor (core) max. 55 Ω/km (20 °C) Diameter (core) 2× 2× AWG22 Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant 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	Cable weight [g/m]	69,30
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Material (wire isolation) PO Wire-Ø incl. isolation 1.4 mm ±5% Color/numbering of wires wh, ye, bl, or Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant 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	Resistor (core)	max. 55 Ω/km (20 °C)
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Shield yes optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm±5% Color (jacket) red thermal resistance flame retardant 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	Wire-Ø incl. isolation	1.4 mm ±5%
optical shield cover min. 85% Material (jacket) PUR Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant 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) Travel speed (C-track) max. 3.3 m/s	Color/numbering of wires	wh, ye, bl, or
Material (jacket) Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant 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. 3 m/s	Shield	yes
Outer-Ø (jacket) 6.7 mm ±5% Color (jacket) red thermal resistance flame retardant 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	optical shield cover	min. 85%
Color (jacket) red thermal resistance flame retardant 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	Material (jacket)	PUR
thermal resistance flame retardant 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	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. 3.3 m/s	Color (jacket)	red
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) Traversing distance (C-track) max. 3 Mio. (25 °C) Travel speed (C-track) max. 3 m/s	thermal resistance	flame retardant
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	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. 3.3 m/s	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	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	Bend radius (fixed)	5× outer Ø
Traversing distance (C-track) max. 5 m (horizontal) Travel speed (C-track) max. 3.3 m/s	Bend radius (moving)	12× outer Ø
Travel speed (C-track) max. 3.3 m/s	No. of bending cycles (C-track)	max. 3 Mio. (25 °C)
	Traversing distance (C-track)	max. 5 m (horizontal)
Acceleration (C-track) max. 2 m/s ²	Travel speed (C-track)	max. 3.3 m/s
	Acceleration (C-track)	max. 2 m/s ²

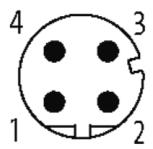


stay connected

Commercial data		
country of origin	DE	
customs tariff number	85444290	
EAN	4048879406376	
eClass	27061801	
Packaging unit	1	
Sketch		

1 =		yellow (TD+)
, <u> </u>	<u> </u>	white (RD+)
!	įį	orange (TD–)
, -		
į į	ļį	
1		blue (RD–)
4	ii	
		shield

Male



Product may differ from Image