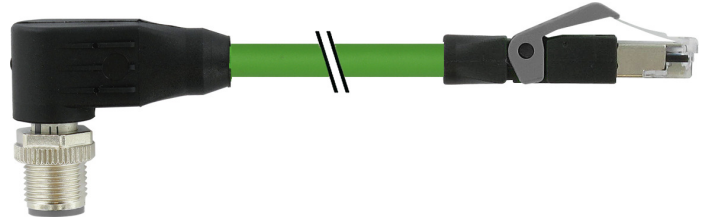


Overview

- M12, male, 90°, D-coded, 4-poles; PUR, 1000 cm, shielded; RJ45, male, D-coded, 4-poles
- Dragchain capable, CAT5, 100 Mbit/s
- Head A: IP67; Head B: IP20
- Cable: good resistance against flames, oils
- Halogen free



Technical data

Side A

Head A: Connection	M12
Head A: Angle cable outlet	90°
Head A: Gender	Male
Head A: Coding	D
Head A: No. of poles	4
Head A: LED	No
Head A: Width across flats	AF13
Head A: Tightening torque	0.6 Nm
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni
Head A: Body color	Black
Labeling sleeve side A	Yes
Head A: Contact layout pin 1	YE
Head A: Contact layout pin 2	WH
Head A: Contact layout pin 3	OG
Head A: Contact layout pin 4	BU

Side B

Head B: Connection	RJ45
Head B: Angle cable outlet	0°
Head B: Gender	Male
Head B: Coding	C
Head B: No. of poles	4
Head B: LED	No
Head B: Body color	Black
Labeling sleeve side B	Yes
Head B: Contact layout pin 1	YE
Head B: Contact layout pin 2	OG
Head B: Contact layout pin 3	WH
Head B: Contact layout pin 6	BU

Cables

Cable length	1000 cm
Shielded	Yes

Cables

AWG	22
External sheath: Material	PUR
External sheath: Color	Green
Cable diameter	6.7 mm ± 5%
Wire cross section	0.382 mm²
Cable: Halogen free	Yes

Cable

Operating voltage (only UL listed)	30 V AC/DC
Shielded	Yes
Transmission rate	100 MBit/s
Bending radius (fixed)	33.5 mm
Number of wires	4
Number and diameter of wires	4x0.38
Cable length	1000 cm
AWG	22
Cable diameter	6.7 mm ± 5%
Conductor: Material	Copper, tinned
External sheath: Material	PUR
Insulation: Material	PE
Shielding: Material	Copper, tinned
Paired stranding	No
Torsion stress in °	± 180 °/m
Total stranding	4 wires strand around core-filler
Wire cross section	0.382 mm²
Wire processing	No
External sheath: Color	Green

Electrical data

Operating voltage (only UL listed)	30 V AC/DC
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Mechanical data

Head A: Degree of protection	IP67
Head B: Degree of protection	IP20
Torsion stress in °	± 180 °/m

Environmental conditions

Temperature range (fixed)	- 25 ...+ 85 °C
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Technical data
Environmental conditions

Dragchain capable	No
Head A: Chemical resistance	No
Head A: Flame resistance	HB (UL 94)
Head A: Oil resistance	Good resistance to ASTM 1 oil and mineral oils. Limited resistance to hydraulic oils. If other oils are used, the resistance must be checked in relation to the application.
Head A: Acid and alkali resistant	No
Head A: Pollution degree	3
Head B: Chemical resistance	No
Head B: Flame resistance	HB (UL 94)

Environmental conditions

Head B: Oil resistance	Good resistance to ASTM 1 oil and mineral oils. Limited resistance to hydraulic oils. If other oils are used, the resistance must be checked in relation to the application.
Head B: Acid and alkali resistant	No
Head B: Pollution degree	3
Cable: Flame resistance	Conform UL 1581 §1090, §1100 (FT2)
Cable: Oil resistance	Conform IEC 60811-2-1, ICEA S-82-552
Cable: Silicone-free	Yes
Cable: UV resistance	Yes

Commercial data

Eclass	27061801
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