

Vue d'ensemble

- M12, male, D-coded, 4-poles; PUR, 1000 cm, shielded, free cable end
- Dragchain capable
- Head A: IP67
- Cable: good resistance against flames, oils
- Halogen free


Caractéristiques techniques

Side A		Cable	
Head A: Connection	M12	Number and diameter of wires	4x0,355
Head A: Angle cable outlet	0°	Length tolerance	± 15 cm
Head A: Gender	Male	Cable length	1000 cm
Head A: Coding	D	Acceleration (C-track)	max. 2 m/s ²
Head A: No. of poles	4	AWG	22
Head A: LED	No	Bending radius (fixed)	min. 5 × outer diameter
Head A: Width across flats	AF13	Bending radius (mobile)	min. 12 × outer diameter
Head A: Tightening torque	0,6 Nm	Cable weight	approx. 69,3 g/m
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	Conductor structure	7 × 0,254 mm
Head A: Body color	Black	Cable diameter	6,7 mm ± 5%
Labeling sleeve side A	Yes	Insulation resistance	min. 5 MOhm x m
Side B		Conductor: Material	Copper, bare
Head B: Connection	Open-ended wires	External sheath: Material	PUR
Labeling sleeve side B	Yes	Insulation: Material	PE
Cables		Shielding: Material	Copper, tinned; PET aluminium coated
Cable length	1000 cm	No. of bending cycles (C-track)	approx. 300000 Cycles
Length tolerance	± 15 cm	Nominal voltage	300 V
Stripping length	20 mm	Paired stranding	No
Shielded	Oui	Single wire diameter	0,254 mm
Conductor structure	7 × 0,254 mm	Cable: Test voltage	2 kV AC core-core ; 2 kV AC core-shield
AWG	22	Total stranding	4 wires strand around core-filler
External sheath: Material	PUR	Travel speed (C-track)	max. 3,3 m/s
External sheath: Color	Green	Traversing path (horizontal)	max. 5 m
Cable diameter	6,7 mm ± 5%	Wire cross section	0.355 mm ²
Wire cross section	0.355 mm ²	Wire processing	No
Cable		Wire diameter incl. isolation	1,4 mm ± 5%
Cable: Temperature range (mobile)	- 30 ...+ 70 °C	External sheath: Color	Green
Cable: Temperature range (fixed)	- 40 ...+ 80 °C	Protocols	CAT5e
Operating voltage (only UL listed)	30 V DC	Données électriques	
Shielded	Oui	Operating voltage	max. 60 V DC
Shielding: Covering	approx. 85 %	Operating voltage (only UL listed)	30 V DC
Characteristic impedance	100 Ohm ± 15%	Nominal voltage	300 V
Signal delay	5,1 ns/m	Contact resistance	max. 30 mOhm
Bending radius (fixed)	33,5 mm	Operating current per contact	max. 4 A
Number of wires	4		

Caractéristiques techniques

Données mécaniques

Head A: Degree of protection	IP67
Bending radius (mobile)	min. 12 × outer diameter
Bending radius (fixed)	min. 5 × outer diameter
No. of bending cycles (C-track)	approx. 3000000 Cycles
Acceleration (C-track)	max. 2 m/s ²
Travel speed (C-track)	max. 3,3 m/s

Conditions ambiantes

Temperature range (mobile)	- 25 ...+ 70 °C
Temperature range (fixed)	- 25 ...+ 80 °C
Cable: Temperature range (fixed)	- 40 ...+ 80 °C
Dragchain capable	Oui

Conditions ambiantes

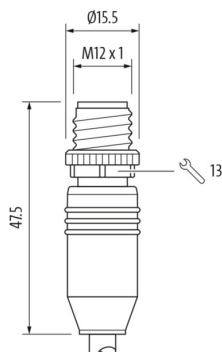
Head A: Chemical resistance	No
Head A: Flame resistance	HB (UL 94)
Head A: Oil resistance	ASTM 1 oil, mineral oils, limited to hydraulic oils
Head A: Acid and alkali resistant	No
Head A: Pollution degree	3
Cable: Flame resistance	Conform UL 1581 §1090, §1100 (FT2), IEC 60332-1-2 Std.
Cable: Oil resistance	Conform IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.
Cable: Silicone-free	Oui

Commercial data

Eclass	27061801
--------	----------

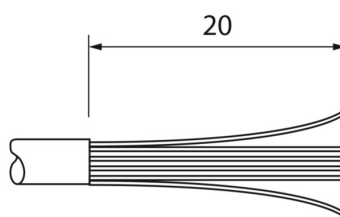
Side A

Technical drawing



Side B

Technical drawing



Coding

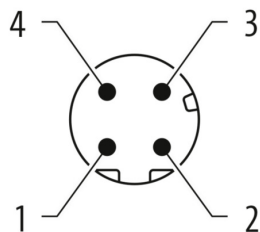
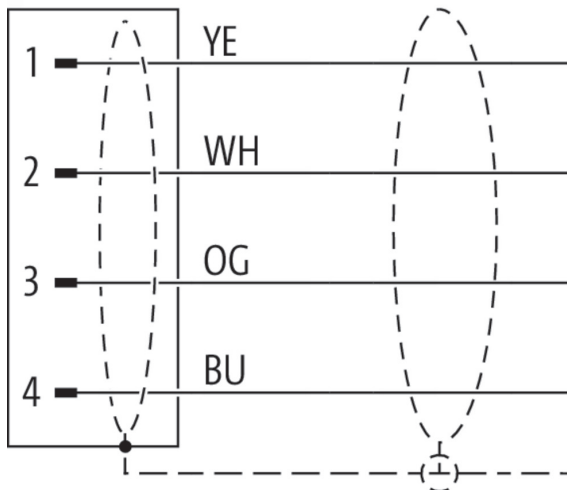


Schéma de raccordement



Dessin d'encombrement

