

**Vue d'ensemble**

- M12, female, A-coded, 5-poles; PUR, 200 cm, shielded, free cable end
- Dragchain capable
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames, oils
- Halogen free



**Caractéristiques techniques**

**Side A**

Head A: Connection	M12
Head A: Angle cable outlet	0°
Head A: Gender	Female
Head A: Coding	A
Head A: No. of poles	5
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
Head A: Gasket material	FKM
Labeling sleeve side A	Yes

**Side B**

Head B: Connection	Open-ended wires
Labeling sleeve side B	Yes

**Cables**

Cable length	200 cm
Length tolerance	+ 10 cm
Stripping length	20 mm
Shielded	Oui
Conductor structure	42 × 0,1 mm
AWG	22
External sheath: Material	PUR
External sheath: Color	Black
Cable diameter	5,6 mm ± 5%
Wire cross section	0,34 mm <sup>2</sup>

**Cable**

Cable: Temperature range (mobile)	- 25 ...+ 80 °C
Cable: Temperature range (fixed)	- 40 ...+ 80 °C
Operating voltage (only UL listed)	30 V AC/DC
Shielded	Oui
Shielding: Covering	approx. 80 %
Bending radius (fixed)	28 mm
Number of wires	5

**Cable**

Number and diameter of wires	5x0,34
Length tolerance	+ 10 cm
Cable length	200 cm
Acceleration (C-track)	max. 5 m/s <sup>2</sup>
AWG	22
Bending radius (fixed)	min. 5 × outer diameter
Torsion speed	max. 35 cycles/min
Bending radius (mobile)	min. 10 × outer diameter
Cable type	3
Cable weight	approx. 57,2 g/m
Conductor structure	42 × 0,1 mm
Cable diameter	5,6 mm ± 5%
Conductor: Material	Copper, bare
External sheath: Material	PUR
Insulation: Material	PP
Shielding: Material	Copper, tinned
No. of bending cycles (C-track)	approx. 500000 Cycles
Nominal voltage	300 V
No. of torsion cycles	approx. 2000000 Cycles
Paired stranding	No
Single wire diameter	0,1 mm
Cable: Test voltage	2 kV AC core-core ; 2 kV AC core-shield
Torsion stress in °	± 30 °/m
Total stranding	5 wires strand around core-filler
Travel speed (C-track)	max. 3,3 m/s
Traversing path (horizontal)	max. 5 m
Wire cross section	0,34 mm <sup>2</sup>
Wire processing	No
Wire diameter incl. isolation	1,25 mm ± 5%
External sheath: Color	Black

**Données électriques**

Operating voltage	max. 60 V AC/DC
Operating voltage (only UL listed)	30 V AC/DC
Nominal voltage	300 V
Contact resistance	max. 30 mOhm

**Caractéristiques techniques**

**Données électriques**

Operating current per contact      max. 4 A

**Données mécaniques**

Head A: Degree of protection      IP65, IP66K, IP67  
 Bending radius (mobile)      min. 10 × outer diameter  
 Bending radius (fixed)      min. 5 × outer diameter  
 No. of bending cycles (C-track)      approx. 5000000 Cycles  
 Torsion speed      max. 35 cycles/min  
 Torsion stress in °      ± 30 °/m  
 No. of torsion cycles      approx. 2000000 Cycles  
 Acceleration (C-track)      max. 5 m/s<sup>2</sup>  
 Travel speed (C-track)      max. 3,3 m/s

**Conditions ambiantes**

Temperature range (mobile)      - 25 ...+ 80 °C  
 Temperature range (fixed)      - 25 ...+ 80 °C

**Conditions ambiantes**

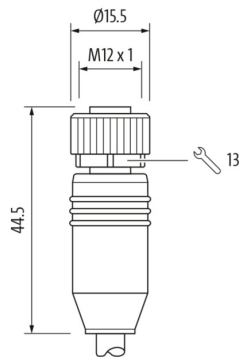
Cable: Temperature range (fixed)      - 40 ...+ 80 °C  
 Dragchain capable      Oui  
 Head A: Chemical resistance      No  
 Head A: Flame resistance      HB (UL 94)  
 Head A: Oil resistance      ASTM 1 oil, mineral oils, limited to hydraulic oils  
 Head A: Acid and alkali resistant      No  
 Head A: Pollution degree      3  
 Cable: Chemical resistance      Good (DIN EN 60811-404)  
 Cable: Flame resistance      Conform UL 1581 §1090 (H), CSA FT2, IEC 60332-2-2  
 Cable: Oil resistance      Good (DIN EN 60811-404)  
 Cable: Silicone-free      Oui

**Commercial data**

Eclass      27060311

**Side A**

**Technical drawing**



**Side B**

**Technical drawing**



**Coding**

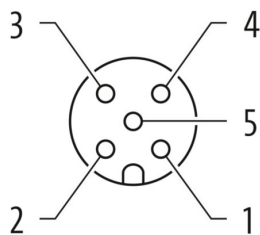


Schéma de raccordement



Dessin d'encombrement

