

Vue d'ensemble

- M12, male, A-coded, 5-poles; PUR, 2500 cm; M12, female, 90°, A-coded, 5-poles
- Dragchain capable, suitable for robotics ± 180 °/m
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames and oils
- Halogen free



Caractéristiques techniques

Side A		Cable	
Head A: Connection	M12	Number and diameter of wires	5x0,34
Head A: Angle cable outlet	0°	Cable length	2500 cm
Head A: Gender	Male	AWG	22
Head A: Coding	A	Torsion speed	max. 35 cycles/min
Head A: No. of poles	5	Cable type	3
Head A: LED	No	Cable diameter	4,5 mm \pm 5%
Head A: Width across flats	AF13	Conductor: Material	Copper, bare
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	External sheath: Material	PUR
Head A: Body color	Black	Insulation: Material	PP
Labeling sleeve side A	Yes	Paired stranding	No
Side B		Torsion stress in °	± 180 °/m
Head B: Connection	M12	Total stranding	5 wires strand around core-filler
Head B: Angle cable outlet	90°	Wire cross section	0,34 mm ²
Head B: Gender	Female	Wire processing	No
Head B: Coding	A	External sheath: Color	Black
Head B: No. of poles	5	Données électriques	
Head B: LED	No	Operating voltage (only UL listed)	30 V AC/DC
Head B: Width across flats	AF13	Données mécaniques	
Head B: Knurled nut material	Zinc-pressure die casting, surface Ni	Head A: Degree of protection	IP65, IP66K, IP67
Head B: Body color	Black	Head B: Degree of protection	IP65, IP66K, IP67
Head B: Gasket material	FKM	Torsion speed	max. 35 cycles/min
Labeling sleeve side B	Yes	Torsion stress in °	± 180 °/m
Cables		Conditions ambiantes	
Cable length	2500 cm	Temperature range (mobile)	- 25 ...+ 80 °C
Shielded	No	Temperature range (fixed)	- 25 ...+ 85 °C
AWG	22	Dragchain capable	Oui
External sheath: Material	PUR	Head A: Chemical resistance	No
External sheath: Color	Black	Head A: Flame resistance	HB (UL 94)
Cable diameter	4,5 mm \pm 5%	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.
Wire cross section	0,34 mm ²	Head A: Acid and alkali resistant	No
Cable			
Operating voltage (only UL listed)	30 V AC/DC		
Shielded	No		
Bending radius (fixed)	22,5 mm		
Number of wires	5		

Caractéristiques techniques
Conditions ambiantes

Head A: Pollution degree	3
Head B: Chemical resistance	No
Head B: Flame resistance	HB (UL 94)
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

Conditions ambiantes

Head B: Pollution degree	3
Cable: Chemical resistance	Good (DIN EN 60811-404)
Cable: Flame resistance	Conform UL 1581 §1090 (H)
Cable: Oil resistance	Good (DIN EN 60811-404)
Cable: Silicone-free	Oui

Commercial data

Eclass	27060311
--------	----------