

**Overview**

- M16, Female, A-coded, 7-poles, shielded;
- Spiral cable, min. 150 cm max. 1260 cm, free cable end
- Outer winding diameter 19 mm
- For mobile applications
- Head A: IP67
- Cable: good resistance against chemicals, flames, oils


**Technical data**
**Side A**

Head A: Connection	M16
Head A: Angle cable outlet	0°
Head A: Gender	Female
Head A: No. of poles	7
Head A: LED	No
Head A: Width across flats	AF24
Head A: Knurled nut material	CuZn

**Side B**

Head B: Connection	Open-ended wires
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**Cables**

Cable length	150 cm
Length tolerance	+ 10 cm
Stripping length	20 mm
Shielded	Yes
Conductor structure	18 × 0.1 mm
AWG	26
External sheath: Material	PUR
External sheath: Color	Black
Cable diameter	5.3 mm ± 5%
Wire cross section	0.14 mm <sup>2</sup>

**Cable**

Cable: Temperature range (mobile)	Low: -30 0 °C High: 80 0 °C
Operating voltage (only UL listed)	350 V
Shielded	Yes
Shielding: Covering	80 %
Bending radius (fixed)	26.5 mm
Length tolerance	+ 10 cm
Cable length	150 cm
AWG	26
Bending radius (fixed)	min. 5 × outer diameter
Bending radius (mobile)	min. 10 × outer diameter
Cable weight	42 g/m
Conductor structure	18 × 0.1 mm
Cable diameter	5.3 mm ± 5%

**Cable**

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. 500000 Cycles
Paired stranding	No
Single wire diameter	0.49 mm
Cable: Test voltage	800 V AC 0
Torsion stress in °	± 180 °/m
Total stranding	7 wires strand
Wire cross section	0.14 mm <sup>2</sup>
Wire processing	5mm tinned
Wire diameter incl. isolation	1 mm ± 5%
External sheath: Color	Black

**Electrical data**

Operating voltage (only UL listed)	350 V
Nominal voltage	300 V
Operating current per contact	max. 1.5 A

**Mechanical data**

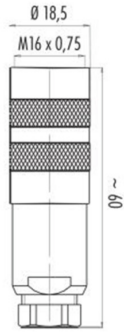
Head A: Degree of protection	IP67
Bending radius (mobile)	min. 10 × outer diameter
Bending radius (fixed)	min. 5 × outer diameter
No. of bending cycles (C-track)	approx. 500000 Cycles
Torsion stress in °	± 180 °/m
No. of torsion cycles	approx. 500000 Cycles

**Environmental conditions**

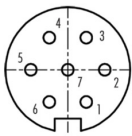
Temperature range (mobile)	- 25 ...+ 80 °C
Temperature range (fixed)	- 25 ...+ 80 °C
Cable: Chemical resistance	Good (DIN EN 60811-404)
Cable: Oil resistance	Good (DIN EN 60811-404)

**Side A**

**Technical drawing**



**Coding**



**Side B**

**Technical drawing**

