

Basic features

Approval/Conformity	CE UKCA WEEE
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Electrical connection

Bending radius min., fixed cable	15 x D
Cable	PTFE shielded, self-extinguishing black, 2 m
Cable diameter D	6.35 mm ±0.35 mm
Conductor cross-section	0.25 mm ²
Connection	M16x0.75-Female, straight, 8-pin
Connector configuration	Straight
Number of conductors	7
Number of pins	8
System	Molded

Electrical data

Conductor construction	3x2 twisted-pair
Operating voltage U _b	60 VDC / 60 VAC

Environmental conditions

Cable temperature, fixed routing	-55...200 °C
IP rating	IP67

Material

Cable jacket material, note	shielded, self-extinguishing
Cable jacket, material	PTFE
Material contact carrier	PBT
Material contacts	Bronze
Material grip	Brass

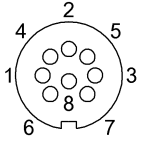
Mechanical data

Cable jacket, color	black
Cable length L	2.00 m
Tightening torque pigtail	0.6 Nm

Remarks

Oil resistant per DIN VDE 0472
 Flame resistance acc. to IEC 60332-1
 Connector has a permissible temperature range of -30 °C to +95 °C
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



- PIN 1: yellow
- PIN 2: gray
- PIN 3: pink
- PIN 5: green
- PIN 6: blue
- PIN 7: brown
- PIN 8: white

Wiring Diagrams

