

Accessories

Connectors and cables

Mating



Description

Mating connector M23 (17-pin, 11 pins assigned, female, CCW) for cable connection to the flange connector M23 (17-pin, male, CW) with connected sensor cable HEK 17, length 3 m.

The sensor cable HEK 17 is a proven industrial product designed to match high demands. It is halogen free, oil-resistant, abrasion and notch-resistant and its rugged outer construction allows it to be pulled and dragged in free conditions. It is certified to UL AWM Style 20236, CSA AWM IA/B; IIA/B FT 1, UL File No. E63634.

Part number

11172481 Mating connector M23 (11 pins assigned)
17-pin, CCW with sensor cable
HEK 17, length 3 m

Suitable for

HMG10-B - SSI, PMG10 - SSI

Technical data

Sensor cable HEK 17

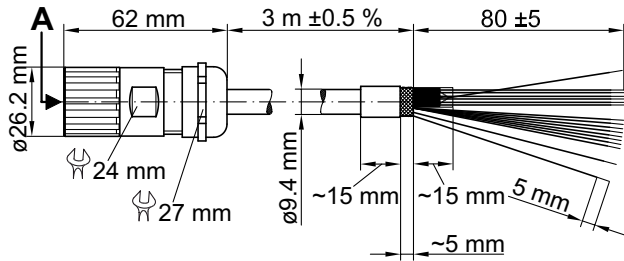
Signal wires	3 twisted pair signal wires AWG35 4 wires AWG35 4 wires AWG31
Power wires	2 wires AWG21
Shield	Common low capacity shield Paired signal wires shielded
Nominal voltage	IEC: 30 V UL & CSA: 30 V
Test voltage	Wire/wire: 1500 V eff Wire/shield: 750 V eff
Operating temperature	Flexing: -40...+90 °C (UL/CSA: +80 °C) Fixed installation: -50...+90 °C (UL/CSA: +80 °C)
Bending radius	Flexible use: ≥7,5 x outside diameter Fixed installation: ≥4 x outside diameter
Outside diameter	9.4 mm
Colour	DESINA-green (RAL 6018)
Weight approx.	110 g/m
Approvals	UL AWM Style 20236 CSA AWM IA/B; IIA/B FT 1 UL File No. E63634

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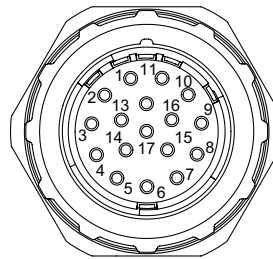
Dimensions



Terminal assignment

View A - Mating connector M23, 17-pin (11 pins assigned), female, CCW with sensor cable HEK 17

Buchse	Wire colour	Wire cross-section
1	Not assigned	---
2	White/Yellow	0,14 mm ²
3	Black	0,14 mm ²
4	Not assigned	---
5	White/Black	0,14 mm ²
6	Brown	0,14 mm ²
7	Brown/Red	0,5 mm ²
8	Green/Red	0,22 mm ²
9	Green/Black	0,22 mm ²
10	Brown/Blue	0,5 mm ²
11*	Black	0,5 mm ²
12	Not assigned	---
13	Not assigned	---
14	Brown/Yellow	0,22 mm ²
15	Not assigned	---
16	Not assigned	---
17	Brown/Green	0,22 mm ²



* Internal shield, connected with all internal shields