Accessories
Connectors and cables

CNAC 29H 10-pin MIL Multi Conductor Cable

Features

- **Connection cable with mating connector MIL 10-pin**
- **Multi Conductor Cable 2x 0.5 mm² + 5x 0.14 mm²**
- **Suitable for long cable lengths**

Part number

11178354	CNAC 29H 10-pin MIL Multi Conductor Cable 5.0 m
11178355	CNAC 29H 10-pin MIL Multi Conductor Cable 10.0 m
11178356	CNAC 29H 10-pin MIL Multi Conductor Cable 20.0 m
11178357	CNAC 29H 10-pin MIL Multi Conductor Cable 50.0 m
11178358	CNAC 29H 10-pin MIL Multi Conductor Cable 100.0 m

Suitable for

ExHS35

Technical data

Multi Conductor Cable: [2 LiY 0.5 mm² + 5x (2 LiY 0.14 mm²)]
- Stranded wire twisted in pairs, 5 x 0.14 mm² and 1 x 0.5 mm²
- core insulation PVC
- sheath insulation TPE-U (TPU/PUR)
- shielding PET foil and copper wire ≥ 85 %
- operating voltage ≤ 300 VAC
- testing voltage ≤ 300 VAC

- Conductor resistance:
0.14 mm² max. 141 Ω/km (20 °C)
0.5 mm² max. 40 Ω/km (20 °C)

- Capacity: $C_{(Cable)}$ ≤ 120 pF/m (1 kHz - 10 MHz)
- Inductance: $L_{(Cable)}$ ≤ 0.8µH/m (1 kHz - 10 MHz)

- halogens
- flame retardant according to UL 758/1581 and DIN EN 60332-1-2 (60s)
- smoke density transmission factor < 60 %
- oil resistant according to DIN EN 60811-404

- **Temperature range:**
-40 °C ... +80 °C (fixed installation)
-20 °C ... +80 °C (moved)

- Minimum bending radius:
(one time) 7.5x cable diameter
(multiple) 15x cable diameter

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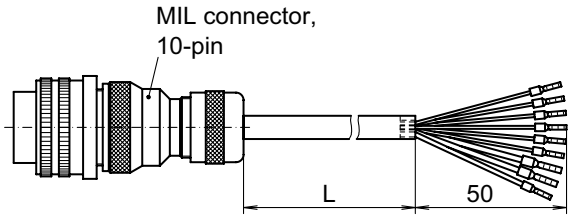
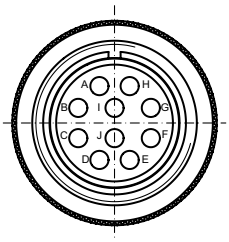
Dimensions



Terminal assignment

Connector with cable sw03, 10-pin

Connector	Core colour	Assignment
Pin A	brown	Track A
Pin B	grey	Track B
Pin C	red	Zero pulse Z
Pin D	brown 0.5	+Vs
Pin E	–	–
Pin F	white 0.5	0 V
Pin G	transparent	Gehäuse
Pin H	green	Track A inv.
Pin I	pink	Track B inv.
Pin J	black	Zero pulse Z inv.



For installation in hazardous areas, the specifications according to IEC / EN 60079-14 and the device specifications must be complied with. In particular, sections 9 on the requirements regarding mechanical, chemical, thermal and capillary or hygroscopic effects must be observed. A zone entrainment is to be prevented.