

Cable type 17 with connectors



Do + Ka type 17

Technical data

Cable type 17

Features: paired control line, fully shielded, light-blue insulation, for intrinsically safe systems, electrical and thermal properties at +20 °C/+68 °F

Conductor resistance	< 25 Ω/km
Insulation resistance	> 200 MΩ/km
Capacity (wire/wire/grounded shield)	110 pF/m ± 20 %
Operating voltage (VDE 0812)	max. 500 V AC
Test voltage (wire/wire/shield)	1200 V AC
Max. load	10 A
Wave impedance	f > 100 kHz/60 ... 70 Ω
Inductance	
wire/wire:	0.7 mH/km
wire/shield:	0.5 mH/km
Capacitive coupling (800 Hz)	0...1200 pF/100 m
Temperature range	-10 °C ... +80 °C/+14 ... +176 °F (operation) -30 °C ... +80 °C/-22 ... +176 °F (transport and storage)

Ordering information

Type	between calorimetric monitoring heads CST-Ex and FC01-Ex
Do + Ka type 17	PVC-insulated cable, type LifYCY 4x2x0.75mm² (AWG 18) 12-pole round connector + wire end ferrules
	Available cable lengths
...m	2 m, 3 m, 5 m, 8 m, 10 m, 15 m, 20 m, 25 m, 30 m, 40 m, 50 m, 60 m, 70 m, 80 m, 90 m, 100...200 m (10 m steps, up to max. 656 ft)
Do + Ka type 17 - 2 m/6.56 ft	ordering example

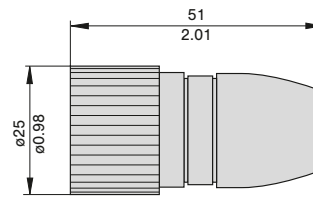
Description

Cable between Flow Meter FC01-Ex and calorimetric monitoring head CST-Ex.

- Connection to monitoring head by means of 12-pole round connector
- Connection to FC01-Ex: wire end ferrules for connection to ex-barriers

Accessories

12-pole round connector
(without cable, for individual wiring by customer)
OZ112Z000172



This is a metric design and millimeter dimensions take precedence ($\frac{mm}{inch}$)

Caution: Standard warranty cover will be invalidated if the correct FlowVision monitoring head/control unit connecting cable is not used.