

PVC

Low-cost sensor cable, grey (LIY CY)



Sensor supply cable PVC, only for indoor use with shielding, grey, operating temperature - 40°C to 80°C, not UV resistant, no chemical resistance.

Application

- Suitable for indoor use with shielding

Characteristics

- Flame-resistant
- Color-code as per DIN 47100

Texture

- Fine wire/multicore litz-wire made of pure copper
- Core-isolation: PVC
- Braided shielding made of copper, tin-plated
- Overcoat made of PVC
- Color of overcoat: pebble-grey (RAL 7032)
- Imprint: PVC/GLÖTZL

Reference standard

- According to VDE 0812
- Containment-free according to RoHS-Guideline 2002/95/EG as well as per GefStoffV



Technical details

Core-ID-Code:	color code as per DIN 47100
Isolation specific resistance:	>20 GΩ x cm
Min. bending radius:	6 x outer-diameter, fixed installation 15 x outer-diameter, occasionally moved
Peak operating voltage:	at 0.14 mm ² : 350 V at ≥0.25 mm ² : 500 V
Testing voltage:	at 0.14 mm ² : 1200 V at > 0.14 mm ² : 1500 V
Ground wire:	G = with ground wire GN/GE

Cable name	Outer-Ø in mm	Weight kg/km
PVC 2 x 0.5 mm ²	5.6 mm	54 kg/km
PVC 4 x 0.5 mm ²	6.3 mm	77 kg/km
PVC 6 x 0.5 mm ²	7.6 mm	104 kg/km