

PEHD

Sensor cable outdoor, black (standard)



Sensor cable suitable for direct burial or wet locations, with shielding PE and intermediate jacket, rigid.

Application

- Suitable for direct burial into the ground

Texture

- Conductor: made of copper, naked
- Isolation: PE, thermoplastic polymer on base of polyethylene, complies 1YI 1 as per DIN VDE 0207 part 2
- Color coding: black, red yellow, light blue
- Stranding: cores optimized in length
- Inner jacket PVC, thermoplastic polymer on base of PVC complies TM2 as per VDE 0281 part 1
- Color of overcoat: deep black, like RAL 9005
- Braided shield of CUV2 round wires
- PE 110 thermoplastic polymer on base of polyethylene complies 2YM1 as per DIN VDE 0207 part 3
- Imprint: PEHD/GLÖTZL

Reference standard

- EMV Conform
- Halogen-free
- Containment-free according to RoHS-Guideline 2002/95/EG as well as per GefStoffV



Resistance

- Weather resistance: good
- UV resistance: good
- Chemical resistance: good
- Oil resistance: moderate

Technical details

Core-ID-Code:	color code 4-cores: black, red yellow, light blue 6-cores: black, white, green, light blue, red, yellow 12-cores: DIN 47100
Min. bending radius:	5 x diameter of core, fixed installation 10 x diameter of core, occasionally moved
Nominal Voltage U_0/U :	300/500 V
Testing voltage:	core / core 2.000 V core / shielding 2.000 V
Operating temperature:	5°C to +70 °C with movement -40 to +70°C without movement

Cable name	Outer-Ø in mm	Weight kg/km
with intermediate jacket		
PEHD 4 x 0.5 mm ²	9.8 mm (± 0,20)	119 kg/km
PEHD 6 x 0.5 mm ²	10.0 mm	130 kg/km
PEHD 12 x 0.5 mm ²	12.9 mm (± 0,30)	210 kg/km