

PEHB

Sensor cable outdoor, black, vented



Sensor cable suitable for direct burial or wet locations, with shielding, double jacket PE and ventilation hose for air pressure compensation of differential-pressure sensors, black, rigid, operating temperature - 30°C to 70°C, VDE 7030.

Application	Technical details														
<ul style="list-style-type: none">Suitable for direct burial into the ground	<table><tr><td>Core-ID-Code:</td><td>color code: light blue, red, yellow, black, white, green</td></tr><tr><td>Isolation specific resistance:</td><td>>200 MΩ/km</td></tr><tr><td>Min. bending radius:</td><td>5 x diameter of core, fixed installation 10 x diameter of core, occasionally moved</td></tr><tr><td>Nominal Voltage U₀/U:</td><td>300 Volt bei 50 hz</td></tr><tr><td>Testing voltage A / A:</td><td>2.0 kV</td></tr><tr><td>Testing voltage A /C:</td><td>1.2 kV</td></tr><tr><td>Operating temperature:</td><td>-5°C to +70 °C with movement -20°C to +70°C without movement</td></tr></table>	Core-ID-Code:	color code: light blue, red, yellow, black, white, green	Isolation specific resistance:	>200 MΩ/km	Min. bending radius:	5 x diameter of core, fixed installation 10 x diameter of core, occasionally moved	Nominal Voltage U ₀ /U:	300 Volt bei 50 hz	Testing voltage A / A:	2.0 kV	Testing voltage A /C:	1.2 kV	Operating temperature:	-5°C to +70 °C with movement -20°C to +70°C without movement
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Texture															
<ul style="list-style-type: none">Conductor: E-Cu-litz wire, complies Cu 58 ETP1 as per EN 13602Isolation: PE, as per DIN VDE 0207Core diameter: 1.80 mm ± 0.10 mmColor coding: black, red, yellow, light blue, white, greenStranding: heard PA-tubing, on top 6-cores optimized to positionIntermediate jacket: PVC black, like RAL 9005, Ø 6.9 mm ± 0.2 mmShielding: braided of Cu-wires estimated 85 % thicknessBounded with PE-filmColor of overcoat: PE as per DIN VDE 0207Imprint: PEHB/GLÖTZL															
Reference standard															
<ul style="list-style-type: none">EMV ConformHalogen-freeContainment-free according to RoHS-Guideline 2002/95/EG as well as per GefStoffV															
Resistance															
<ul style="list-style-type: none">Weather resistance: goodUV resistance: goodChemical resistance: goodOil resistance: moderate															
Cable name	Outer-Ø in mm	Weight kg/km													
PEHB 6 x 0.5 mm ²	10.2 (± 0.3 mm)	130 kg/km													