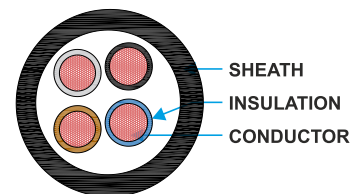




Sensor Cables

PVC Unshielded Cable



Application

Sensor cable for medium mechanical stress. They are suitable for use in automated production in dry conditions. The cables are intended for fixed installation and conditional flexible use. The used materials can be processed very well and are easily removable.

Construction

- Conductor : superfine wire strands of bare copper wires standard VDE 0812
- Insulation : special PVC-based compound
- Core identification : Colour code
- 3-core : brown, blue, black
- 4-core : brown, white, blue, black
- 5-core : brown, white, blue, black, grey
- Stranding : Cores stranded to bundle.
- Outer sheath : special PVC-based compound
- Colour : black (similar RAL 9005)

Properties

- Minimum bending radius : Flexing 10D, fixed installation : 5D
- Temperature range flexing : -5°C up to +70°C, fixed installation : -40°C up to +80°C
- Flammability flame retardant : Acc. to IEC 60332-1-2

Technical Parameter

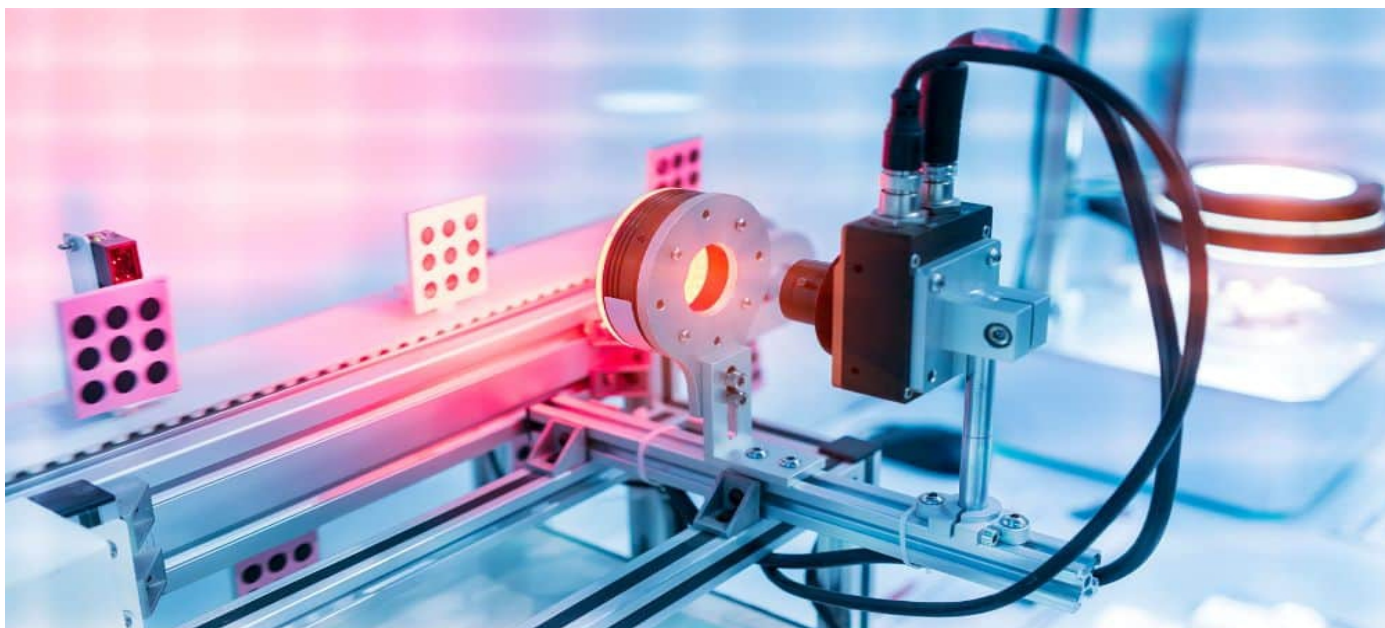
- Conductor resistance : 0.25 mm² max. 79 Ω/km, 0.34 mm² max. 57 Ω/km
- Specific volume resistivity : > 20 G Ω x cm
- Peak operating voltage : 300 V (not for power applications)
- Test voltage : C/C : 2000 V

D = Cable Diameter



Dimension

Part code	No. of Cores & Nominal Cross Sectional Area (Sq. mm)	Approx. Cable Diameter (mm)
2101B000203	3x0.25 mm ²	3.8 mm
2101B000204	4x0.25 mm ²	4.2 mm
2101B000303	3x0.34 mm ²	4.1 mm
2101B000304	4x0.34 mm ²	4.4 mm
2101B000305	5x0.34 mm ²	4.8 mm



2101 - Sensor Cables