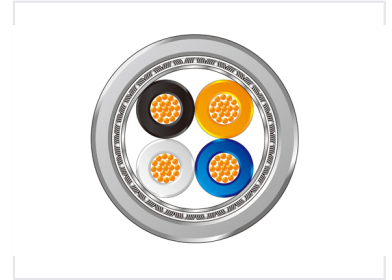


Industrial Automation Sensor Cable

This sensor cable is designed to assist sensors in monitoring processing data for automated tests and control. It is suitable for flexible applications in environments with high electrical interference.



Overview

Industrial Automation Sensor Cable

This high-performance sensor cable is engineered for demanding industrial automation environments. It features a robust construction with stranded bare copper conductors and XLPE insulation, ensuring reliable signal transmission and reduced shrinkage during welding. Designed for both fixed and moving applications, this cable offers excellent flexibility, flame resistance, and protection against external electromagnetic interference.

Electrical Specifications

Test Voltage

2000 V/min

Test Voltage

Rated Voltage

300 V

Insulation Resistance (at 20°C)

e20M@m

Mechanical Properties

Minimum Bending Radius

Application Type	Bending Radius
Fixed Application	4D
Moved Application	7.5D

Temperature Range

-40°C to 80°C

Construction

Core Color Coding

- 3 Cores: blue, brown, black
- 4 Cores: blue, brown, black, white
- 5 Cores: blue, brown, black, white, green-yellow

Conductor Material

Stranded bare copper

Insulation Material

XLPE

Jacket Material

PUR

Jacket Color

Grey (RAL 7001)

Features & Compliance

Key Performance Features

- High flexibility for continuous movement
- Small bending radius
- Excellent resistance to external EMI
- Low shrinkage during welding

Standards & Compliance

IEC60332-1, Flame Resistant, EMI Shielded