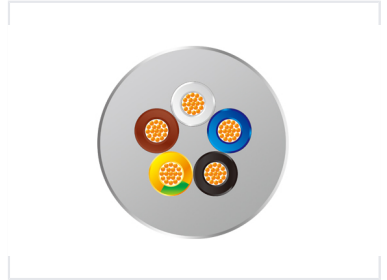


Industrial Sensor Cable for Automation

Industrial sensor cables assist sensors in monitoring processing data according to production requests. These cables are suitable for fixed applications and occasional movement in automatic tests, control systems, environmental protection, and resource exploration.



Overview

Industrial Sensor Cable for Automation

This high-performance industrial sensor cable is engineered for reliable signal transmission in demanding automation, robotics, and precision measurement environments. Featuring stranded bare copper conductors with robust XLPE insulation, it offers excellent flexibility and a small bending radius for easy installation. The cable is designed with flame-resistant properties and is suitable for both fixed and occasional movement applications.

Electrical Specifications

Rated Voltage

300 V

Rated Voltage

Test Voltage

2000V/min (AC)

Insulation Resistance (20)

e2M@m

Mechanical Performance

Minimum Bending Radius

Application Type	Radius
Fixed Application	4D (D=cable diameter)
Occasional Movement	7.5D (D=cable diameter)

Operating Temperature Range

Application Type	Temperature
Fixed Application	-40 to 80
Occasional Movement	-5 to 80

Construction Details

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 Color	Grey (RAL 7001)

Features

Key Features

Flame resistant (IEC60332-1) • High flexibility • Small bending radius • Reduced shrinkage