

M12 8-Pole Cable Assembly

These M12 cable assemblies are suitable for automation technology and industrial applications requiring external interconnection of electronic equipment. They are designed for flexible use and indoor installation.



Product Overview

M12 8-Pole Cable Assembly

This M12 8-Pole Cable Assembly is engineered for reliable connectivity in demanding industrial environments. Featuring a robust design with both straight and right-angle connector options, it ensures flexibility during installation for sensors, actuators, and automation systems. With high resistance to abrasion, oil, and flame, this assembly provides a long service life and consistent performance even in harsh conditions.

Technical Specifications

Protection Classification

IP67

Coding

A

Min. Bending Radius (Fixed)

4D (D=cable diameter)

Min. Bending Radius (Mobile)

7.5D (D=cable diameter)

Environmental Performance

Temperature Range (PVC)

-40 °C

Fixed Min

80 °C

Fixed Max

-5 °C

Mobile Min

70 °C

Mobile Max

Temperature Range (PUR)

-40 °C

Fixed Min

80 °C

Fixed Max

-20 °C

Mobile Min

80 °C

Mobile Max

Cable Construction

Wire Colors

- Brown
- White
- Green
- Yellow
- Grey
- Pink
- Blue
- Red

Conductor	Fine stranded bare copper wire
Insulation	PVC
Jacket Material	PVC, PUR

Performance Features

Key Properties

- Flame resistance (IEC60332-1)
- Abrasion resistant
- Oil resistant
- Flexible use
- Long service life