

# 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

<b>Conductor</b>	Fine stranded bare copper wire
<b>Insulation</b>	PVC
<b>Jacket Material</b>	PVC, PUR

## Performance Features

### Key Properties

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