

# M12 4-Pole Cable Assemblies

Suitable for use in automation technology and industrial applications, and for external inter-connection of electronic equipment. These assemblies are suitable for flexible use and indoor installation.



## Overview

### High-Performance M12 Cable Assemblies

These M12 4-pole cable assemblies are designed for reliable signal transmission in demanding industrial environments. Featuring robust construction with fine stranded bare copper wire and durable PVC or PUR jacketing, they ensure a long service life and high flexibility. With an IP67 protection rating and excellent resistance to abrasion and oil, these patchcords are ideal for automation and sensor connectivity applications.

## Technical Specifications

### Protection Classification

IP67

### Minimum Bending Radius

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

### Coding

A

## Temperature Ratings

### Operating Temperature Range

Application	PVC Range	PUR Range
Fixed	-40°C to 80°C	-40°C to 80°C
Mobile	-5°C to 70°C	-20°C to 80°C

## Cable Construction

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

## Key Features

### Performance Properties

- Flame resistance according to IEC60332-1
- Resistant to abrasion and oil (especially for PUR)
- Long service life
- Flexible use for easy equipment changes
- Available in a variety of lengths and sheath options