

4-Pole M8 Cable Assembly

Suitable for use in automation technology and industrial applications, these cable assemblies facilitate the external interconnection of electronic equipment. They are suitable for flexible use and indoor installation.



Product Overview

4-Pole M8 Cable Assembly Overview

This 4-pole M8 cable assembly is engineered for reliable signal and power transmission in industrial environments. Featuring a robust design with both straight and right-angled connector options, it ensures secure mating through metallic threaded couplings. The assembly is highly versatile, offering excellent resistance to abrasion, oil, and flame, making it an ideal choice for demanding sensor and actuator applications.

Technical Specifications

Protection Classification

IP67

Temperature Range

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

Minimum Bending Radius

4 D

Fixed Application

7.5 D

Mobile Application

Coding

A

Cable Construction

Insulation Colors

- Blue
- Brown
- Black
- White

Conductor Material

Fine stranded bare copper wire

Insulation Material

PVC

Available Jacket Materials

PVC, PUR

Properties & Compliance

Key Properties

- Flame resistance according to IEC60332-1
- Resistant to abrasion and oil (especially for PUR)
- Long service life
- Flexible use for easy equipment changes