

4-Pole M12 Shielded Cable Assemblies

These 4-pole M12 shielded 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 in environments with high electrical interference.



Overview

Industrial Connectivity Solution

These 4-pole M12 shielded cable assemblies are engineered for reliable signal transmission in demanding industrial environments. Featuring robust construction with AL/Mylar screening and tinned copper braiding, they offer excellent protection against external EMI. Available in both PVC and PUR jacket options, these cables provide superior resistance to abrasion, oil, and flame, ensuring a long service life in both fixed and mobile applications.

Technical Parameters

Protection Classification

IP67

Minimum Bending Radius

Application	Radius
Fixed Application	4D
Mobile Application	7.5D

Coding

A-Coding

Temperature Range

Fixed Application Temperature

-40 °C PVC Min	80 °C PVC Max	-40 °C PUR Min	80 °C PUR Max
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Mobile Application Temperature

-5 °C PVC Min	70 °C PVC Max	-20 °C PUR Min	80 °C PUR Max
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Cable Construction

Conductor	Fine stranded bare copper wire
Insulation	PVC
Core Colors	Blue, Brown, Black, White
Shielding	AL/Mylar screen and tinned copper braiding
Jacket Materials	PVC, PUR

Features

Key Properties

- Cable flame resistance according to IEC60332-1
- Excellent resistance to external EMI
- Resistant to abrasion and oil (especially PUR)
- Long service life
- Flexible use and easy equipment changes
- Variety of lengths and sheaths available