

M12 Connector & Cable

Cordsets

A-coded, 5 Pin

PUR sheath, shielded



Description:

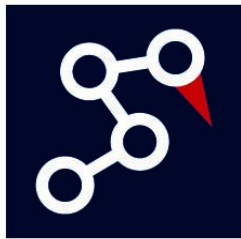
Introducing our superior M12 A-coded electrical connectors, perfect for diverse industrial applications requiring robust performance and reliability. These connectors feature an overmoulded design and a sturdy polyurethane (PUR) sheath, ensuring unmatched durability.

The heart of these connectors is their full shielding, safeguarding the electrical power and signals from electromagnetic interference. This significantly enhances consistency, reduces data loss, and ensures optimal performance even in electromagnetically noisy environments.

Furthermore, the rugged PUR sheath resists wear, abrasion, and harsh elements, extending your cabling solution's lifespan. This robust layer maintains cable integrity and performance, even amidst mechanical stresses and exposure to industrial challenges.

Product Highlights:

- A-coded orientation
- Overmoulded design offering IP67 protection
- Fully shielded cable and connector
- Robust PUR sheath
- Wide operational temperature range: -25°C to +80°C
- Various connector angles and cable lengths available

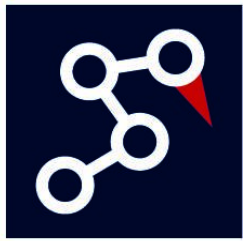


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Specification:

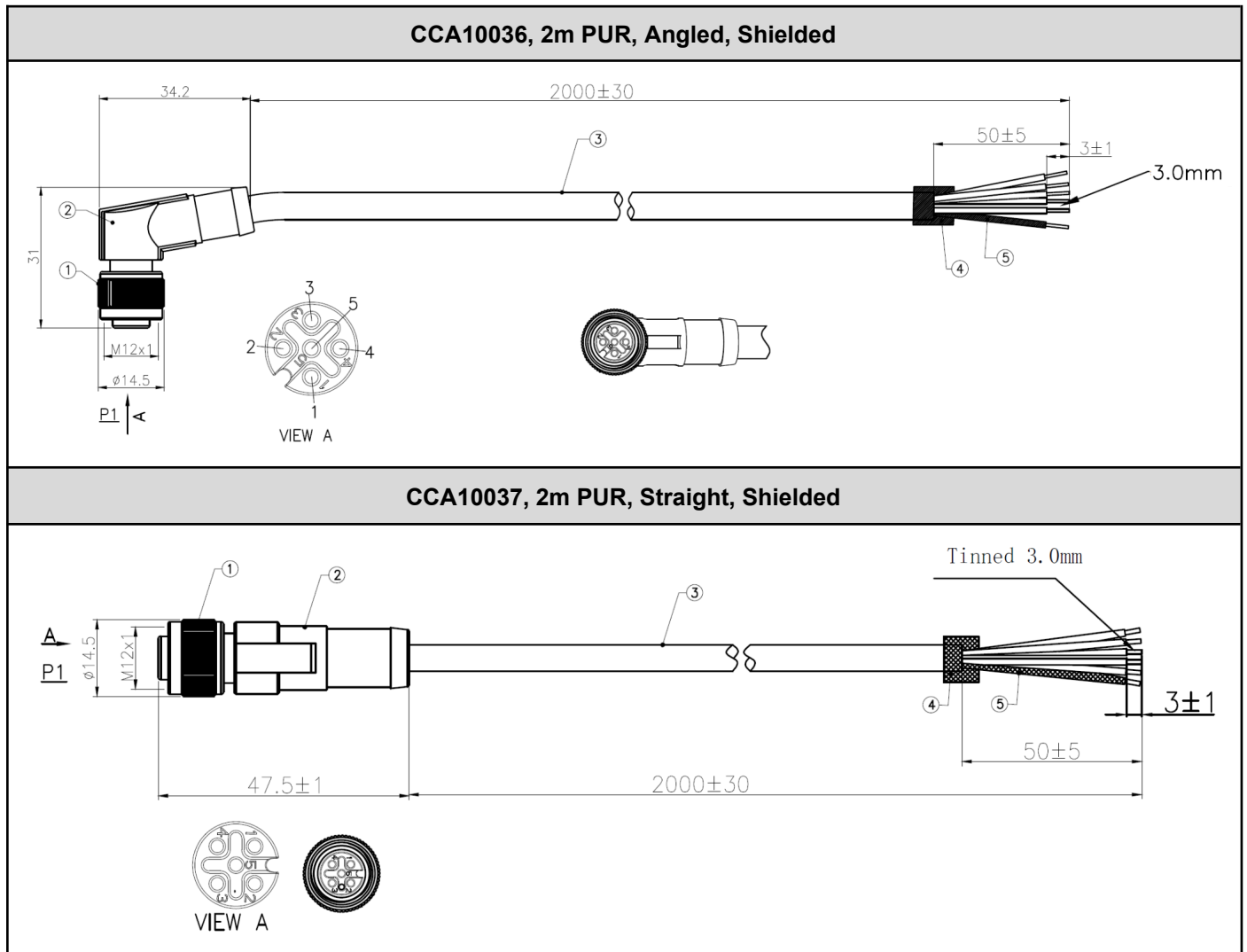
M12 Connector & Cable Cordset	
Connector shell	Overmoulded
Shielding type:	Full shielding, braided
Locking system:	Screw-in
Voltage Rating:	60V AC/DC
Rated Current:	4A
Contact Resistance:	<5mΩ
Insulation Resistance:	>100MΩ
IEC Standard:	IPC-A-620
IP Rating:	IP67
No. of Cores:	5 + braided shield
Operational Temperature:	-25 °C to +80 °C
Cable Sheat Material:	PUR
Connector Coding:	A-coded
Connector Gender:	Female
Contact Material:	Brass / Phosphorus copper gold-plated
Cable Lengths:	2m, 5m, 10m
Conductor Size:	22 AWG / 0.34mm ²
Cable plug:	straight or right angled , molded

Wiring Colours & Pin Connections		
Pin Number	Wire Colour	
1	Brown	
2	White	
3	Blue	
4	Black	
5	Grey	
Shield	Braid	

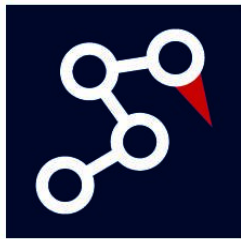


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Dimensional Drawings:

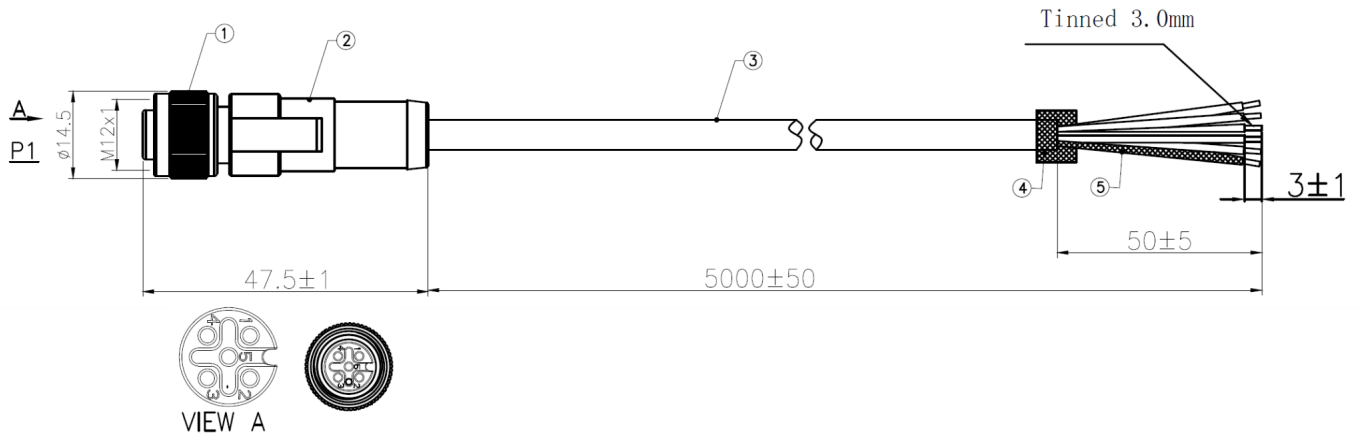


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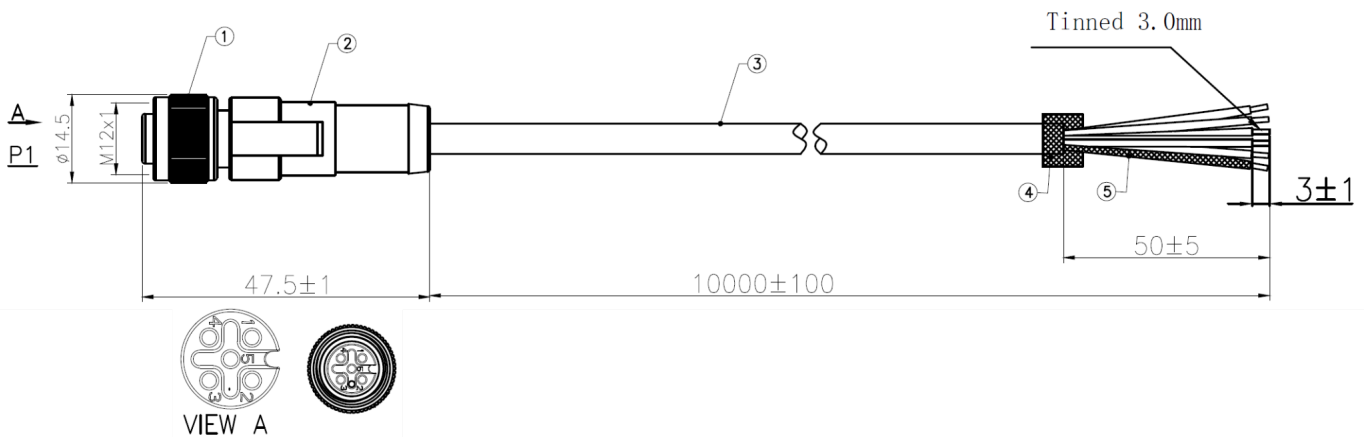


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CCA10038, 5m PUR, Straight, Shielded



CCA10039, 10m PUR, Straight, Shielded



Part Numbering system

CCA10036	M12 Cord Set, 2m PUR, Angled, Shielded
CCA10037	M12 Cord Set, 2m PUR, Straight, Shielded
CCA10038	M12 Cord Set, 5m PUR, Straight, Shielded
CCA10039	M12 Cord Set, 10m PUR, Straight, Shielded