

## M12 X-Code 8Pin female panel receptacle with PCB contacts, rear side fastening, with ground shielding

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Image:

**Part No.:** MC08P4LPXSBxx  
**Contacts Poles:** 08 Pin  
**Connector Gender:** Female connector  
**Current Rating:** 0.5 A  
**Wire Gauge (size):** 26AWG/ 0.14mm<sup>2</sup>  
**Keyway Coding:** X-Coding  
**EMC Shielding:** 360° fully shielded

### Product data

Contacts Poles:	08 Pin	Connector Gender:	Female connector
Current Rating:	0.5 A	Wire Gauge (size):	26AWG/ 0.14mm <sup>2</sup>
Voltage Rating:	48V	Keyway Coding:	X-Coding
EMC Shielding:	360° fully shielded	Straight/ 90° Angled:	180° Straight
Contacts Termination:	PCB dip soldering	Temperature Rating:	-40°C ~ + 125°C
Contacts Material:	Phosphor bronze, machined solid pin	Contacts Plating:	30μ" Gold plating thickness
Inserts:	PA66 + GF, PBT	Sealing:	Epoxy resin, O-Ring
Housing/ Outer Shell:	Brass with nickel plating	Locking Screws:	Brass with nickel plated
Contact Resistance:	≤5mΩ	Panel Cut Size:	PG9, M16x1.5
Protection Degree:	IP 67	Pollution Degree:	III
Connector Flamability:	UL94 V0	Waterproof Depth:	IP67 1m depth 30 minutes
Plug Mating Life:	500 times	Warranty:	2-years quality guarantee period
Compliance:	RoHS compliant, REACH compliant	Reference Standard:	IEC 61076-2-109
Products Certification:	CE/ EMC, IP67	Connector Type:	Panel mount receptacle
Panel locking side:	Rear side fastening the nut		

### Description

The M12 X-coding connector conforms to IEC 61076-2-109; it meet Cat 6A specifications with data transmission rates up to 10 Gbps, these high-speed connectors are designed for industrial communications and networks, video surveillance and other applications requiring a fast and reliable Ethernet connection. CABLEFORCE offers M12 X-Coding cable molded cordsets and M12 X-Coding PCB panel mount receptacles as well as male M12 X-Code to RJ45 male connector with different customized cable material and cable specifications.

- Cable available with PUR, PVC, LSZH, NFPA130 material
- Custom cable specification and lengths
- Rated: 48V/ 0.5A
- Up to 500Mhz/ 10Gbps
- Protection degree IP67