

# M12 jacks for field assembly X- and D-coded – high performance cabling and future-proof device connections




# M12 jacks X- and D-coded for field assembly



The M12 jacks X-coded/ D-coded IP67 for field assembly are one of the METZ CONNECT products for the future-proof and high performance Ethernet cabling for communication cabling and automation control systems.

The product family Ethernet M12, consisting of X- and D-coded female connectors for PC boards, plugs for field assembly, cable assemblies and panel feed through adapters for electrical cabinets, is now extended by four jacks for field assembly: M12 X-coded / D-coded with or without flange.



The X-coded components are suitable per category 6A for data transmission up to 10 GBit. The D-coded components are suitable per category 5e for data transmission up to 100 MBit. In addition, they are a connecting link for system cabling and free cable connection. Due to their complete metal shield, they can also be used without problems under difficult transmission conditions.

- > for industrial communication cablings, automation and control systems, construction and mechanical engineering
- > compact, fully-shielded and robust zinc die-cast housing
- > versions with and without flange
- > transmission characteristics:
  - X-coded: Cat.6A (10 GBit)
  - D-coded: Cat.5e (100 MBit)
- > protection class in mated condition: IP67
- >  approval File No. E178484
- > based on railway application standards DIN 50155 and DIN EN 45545-2


## M12 jacks for field assembly X-coded

	DESCRIPTION	P/N
	M12 jack for field assembly without flange	MMF881A315
	M12 jack for field assembly with flange	MMF881A315-0001


## M12 Ethernet cables X-coded

	DESCRIPTION	PROPERTIES	P/N
	Connection cable M12 8-pole	1.0 m/2.0 m 5.0 m/10.0 m	142M2X90xxx
	Connection line M12X/RJ45	1.0 m/2.0 m 5.0 m/10.0 m	142M2X15xxx

## M12 plug X-coded


	DESCRIPTION	P/N
	M12 field plug, straight	MNF881A315-0001

## M12 plug D-coded

	DESCRIPTION	P/N
	M12 field plug	MNF881A115

## M12 jacks for field assembly D-coded

	DESCRIPTION	P/N
	M12 jack for field assembly without flange	MMF881A115

	DESCRIPTION	P/N
	M12 jack for field assembly with flange	MMF881A115-0001