

Feed-through adapters M12 X- and D-coded to RJ45 for electrical cabinets – high performance cabling and future-proof device connections




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The feed-through adapters M12 on RJ45 are the next logic elements made by METZ CONNECT for a future-proof and high performance Ethernet cabling and 10 GBit/ 100 MBit device connection in communication cabling and automation and control equipment.

The product family Ethernet M12, consisting of X- or D-coded PC board jacks, field plug and pre-assembled cables, is now extended by further feed-through adapters for electrical cabinets: M12 X- and D-coded to RJ45 in a linear and an angled version.



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. Furthermore they are a link leading an IP67 environment to an IP20 environment as it exists for example in electrical cabinets or control units. Due to their complete metal shielding the adapters can also be used without problem under conditions difficult for data transmission.

- > adapter M12 X and D on RJ45 to adapt M12 cabling to RJ45 cabling in industrial used communication cabling, automation and control equipment
- > compact, one-piece, fully shielded and solid zinc die-cast housing
- > linear (180°) or angled (90°) version
- > transmission characteristics:
 - X-coded: Cat.6A (10 GBit)
 - D-coded: Cat.5e (100 MBit)
- > protection class in plugged condition:
 - M12 side = IP67, RJ45 side = IP20
- >  approval File No. E178484




Feed-through adapters M12 X-coded to RJ45 for electrical cabinets

	DESCRIPTION	P/N
	Adapter M12X/RJ45 straight	MWN811A415
	Adapter M12X/RJ45 angled	MWN911A415

Feed-through adapters M12 D-coded to RJ45 for electrical cabinets


	DESCRIPTION	P/N
	Adapter M12D/RJ45 straight	MWN811A115
	Adapter M12D/RJ45 angled	MWN911A115

Suitable cables from P|Cabling product range – Ethernet M12 cables

	DESCRIPTION	PROPERTIES	P/N
	Connection cable M12 8-pole	M12 straight	142M2X10xxx
		M12 angled	142M2X90xxx
	Connection line M12 8-pole	M12 straight M12 straight M12 angled	142M2X11xxx 142M2X19xxx
	Connection line M12X/RJ45	M12 straight RJ45 straight M12 angled RJ45 straight	142M2X15xxx 142M2X95xxx

Lengths: 1.0/2.0/5.0/10.0 m/ other lengths on request

Suitable cables from P|Cabling product range – RJ45 patch cord

	DESCRIPTION	COLOUR	P/N
	Patch cord Cat.6A AWG26	gray/yellow green/blue/red white/black	130845xxxx-E

Lengths: 1.0/2.0/5.0/10.0 m/other lengths on request