METZ CONNECT

RJ45 field plug pro –

field assembled, fully shielded and multiport-capable



The RJ45 field plug pro

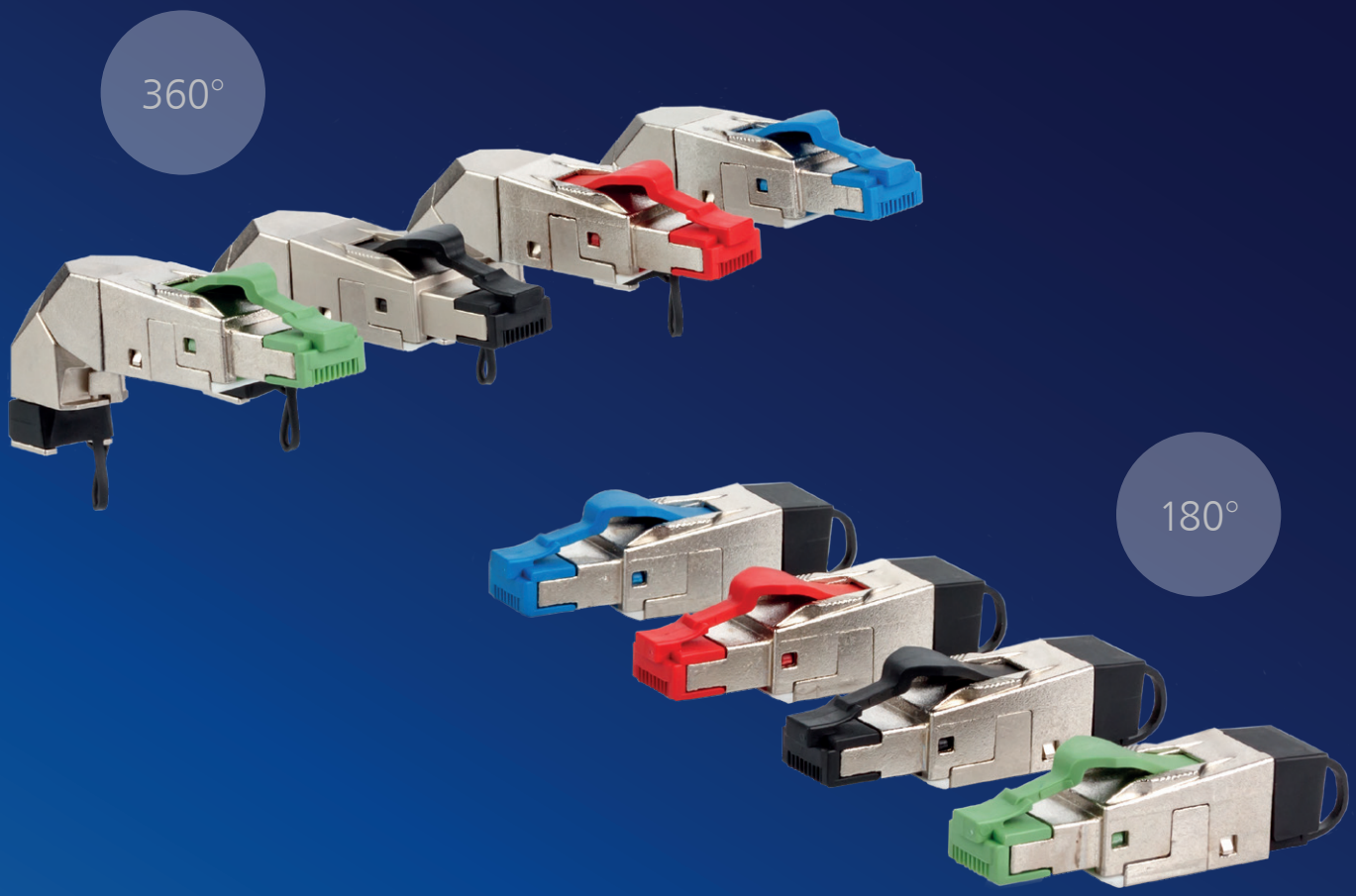
180° straight and 360° angled

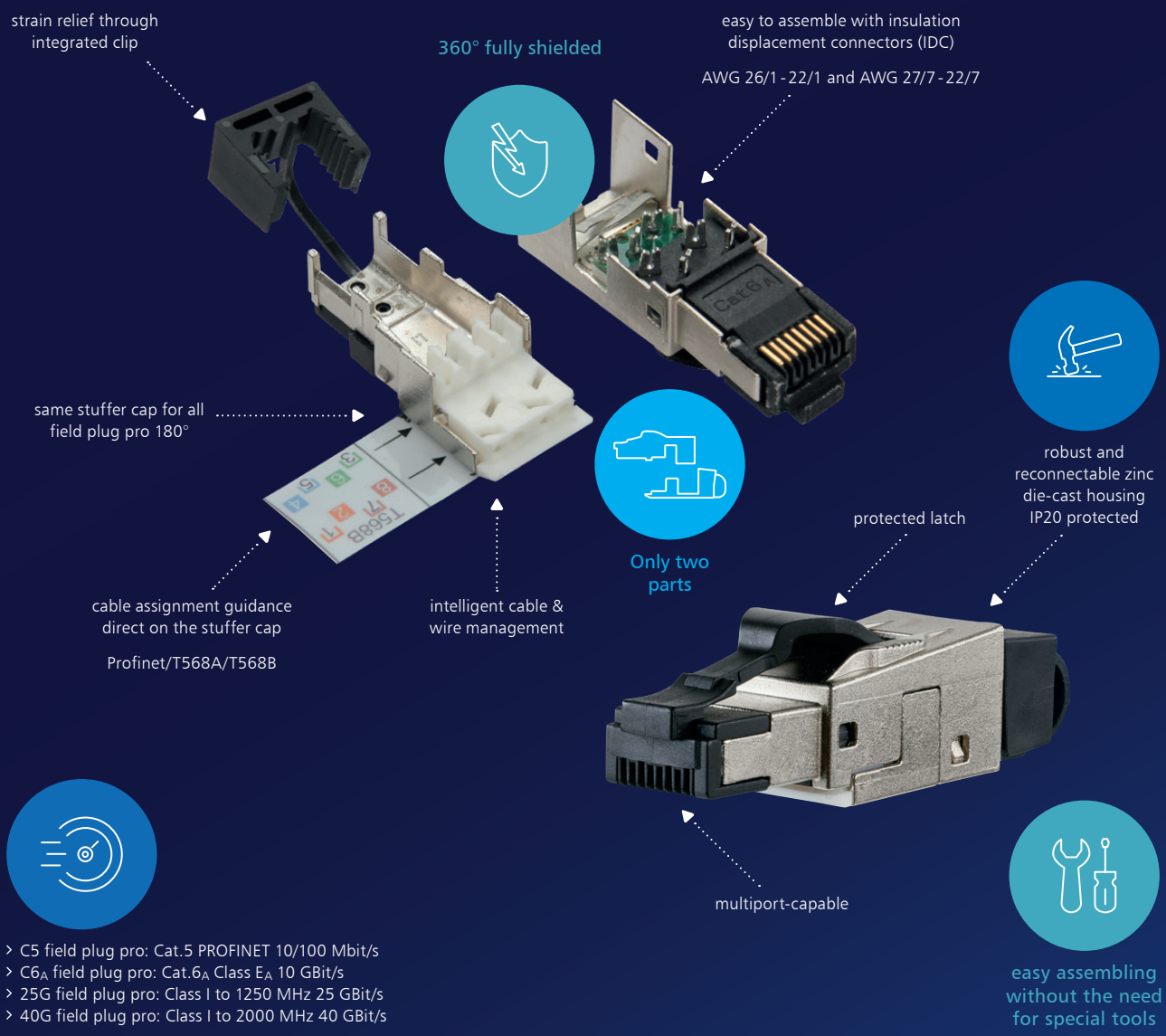
The METZ CONNECT field assembled RJ45 field plug pro is the right choice for structured cabling with industry or data centers with high data transmission rates up to 40 GBit/s where high-performance and reliable connections are needed.

The RJ45 field plug pro is available in a 180° straight and 360° angled, 4-pair and 2-pair version. It can easily be connected to all common cable types without much preparation and its new design allows it to be used in restricted spaces.

It impresses with its robust zinc die-cast housing and protected latch for industrial use. Its compact design makes the connector multi-port capable while being fully shielded.

The RJ45 field plug pro is designed for field assembly without the need for special tools. It is suitable for Power over Ethernet (PoE, PoE plus, UPoE and 4PPoE), HDBaseT or other multimedia applications as well as for industry standards such as PROFINET and EtherNet/IP.



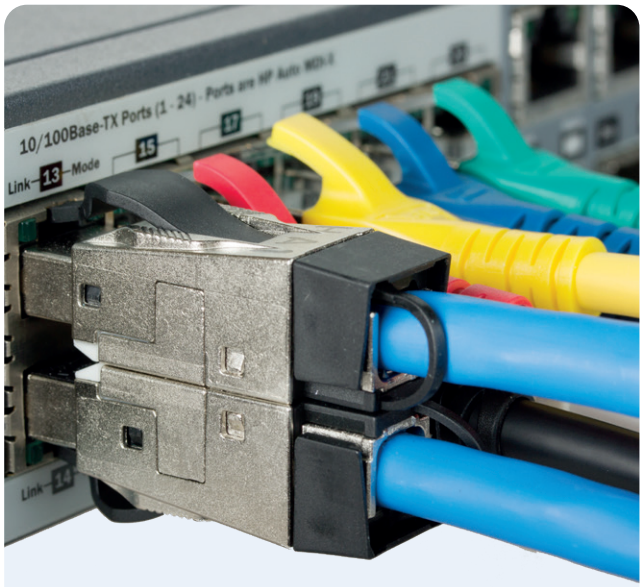


- C5 field plug pro: Cat.5 PROFINET 10/100 Mbit/s
- C6$_A$ field plug pro: Cat.6$_A$ Class E$_A$ 10 GBit/s
- 25G field plug pro: Class I to 1250 MHz 25 GBit/s
- 40G field plug pro: Class I to 2000 MHz 40 GBit/s

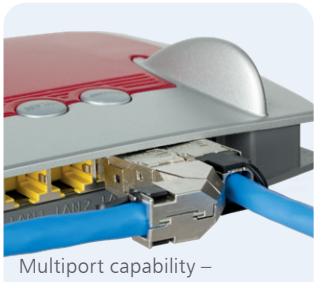
Performance overview

- field-assembled RJ45 connector, IP20 rated
- straight cable entry (180°) or variable, freely selectable (360°)
- easy assembling without the need for special tools
- fully shielded and multiport-capable
- suitable for Power over Ethernet (PoE, PoE plus, UPoE and 4PPoE) and HDBase
- variable cable entry 4 x 8 positions possible
- industrial-suited zinc die-cast housing, 2-part for 180° version or 4-part for 360° version
- strain relief snapped on directly to stuffer cap and protected latch
- reconnectable, when using the same or a larger cross section
- suitable for 40 GBit/s to IEEE 802.3bq, 25 GBit/s to IEEE 802.3bq, 10 GBit/s to IEEE 802.3an (4-pair) and for 100 MBit (2-pair) to IEEE 802.3u
- Cat.8.1, Cat.6$_A$ (4-pair) or Cat.5 (2-pair) to ISO/IEC 11801 Ed.3:2017
- compliance with Class I, Class E$_A$ (4-pair) or Class D (2-pair) to ISO/IEC 11801 Ed.3:2017, DIN EN 50173-1:2018
- suitable for cable sheath diameters of 5.5 to 10.5 mm
- wire connection stranded wire AWG 27/7 to 22/7, wire diameter 0.43 to 0.76 mm
- wire connection solid wire AWG 26/1 to 22/1, wire diameter 0.4 to 0.64 mm
- wire diameter up to 1.6 mm

Applications

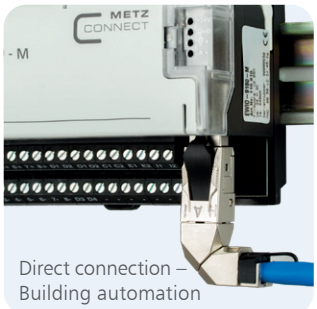


Multiport capability – Network distribution


Multiport capability – Network distribution

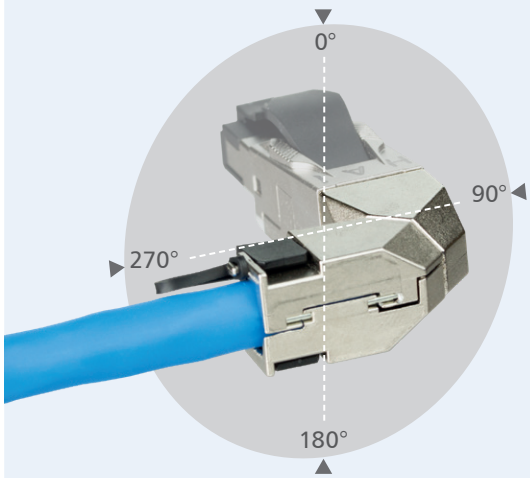

Direct connection – IP camera


Direct connection – Industrial distributors

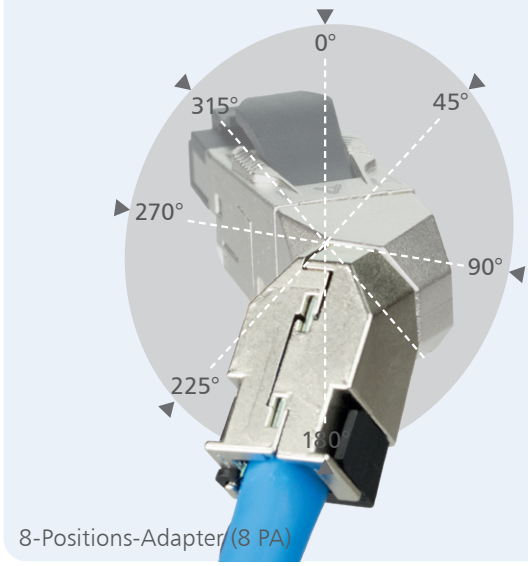


Direct connection – Building automation

The 360° version with multiple cable outlet makes for flexible use of the connector. The two rear position adapters 4 PA (4 x 90°) and 8 PA (8 x 45°) thus allow a total of 32 cable positions. This also allows jacks that are difficult to access to be reached reliably without problems and without high bending radii. Despite the many different positions it meets the transmission properties.



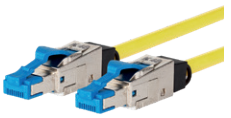
4-Positions-Adapter (4 PA)



8-Positions-Adapter (8 PA)

Product overview

40G Patch Cord

		Part number	Cable length
	RJ45 Cat.8.1 AWG26 S/FTP LSHF yellow	13084H0577-E 13084H1077-E 13084H1577-E 13084H2077-E 13084H3077-E 13084H5077-E	0,5 m 1,0 m 1,5 m 2,0 m 3,0 m 5,0 m

Plug 4-pair

		Part Number	Variant
	40G RJ45 field plug pro	130H405032-E	180°
	40G RJ45 field plug pro 360	130H405042-E	360°
	25G RJ45 field plug pro	130G405032-E	180°
	25G RJ45 field plug pro 360	130G405042-E	360°
	C6$_A$ RJ45 field plug pro	130E405032-E	180°
	C6$_A$ RJ45 field plug pro 360	130E405042-E	360°

Plug 2-pair

		Part number	Variant
	C5 RJ45 field plug pro 2P	130E405032PE	180°
	C5 RJ45 field plug pro 2P 360	130E405042PE	360°



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899388-01 | 10/2026