



Identification	Type	RJ45-M 4-pin Cat.5e Profinet
	Part-No.	772101
Description	Industrial connector RJ45 IDC quick-connect technology, no tools required Category 5e	
Technical data	Nominal voltage 30 V Rated current Max. 1.75 A per contact Pol number 4 Transmission frequency 100 MHz Category 5e (TIA 5688:2001) Contact type IDC Shielding yes	
General	Form RJ45 Pollution degree 1 Insulation resistance $\geq 100 \text{ M}\Omega$ Contact resistance $\leq 50 \text{ m}\Omega$ Class of flammability according to UL 94 V0	

29.01.2017 – Subject to technical modification

Part-No. 772101

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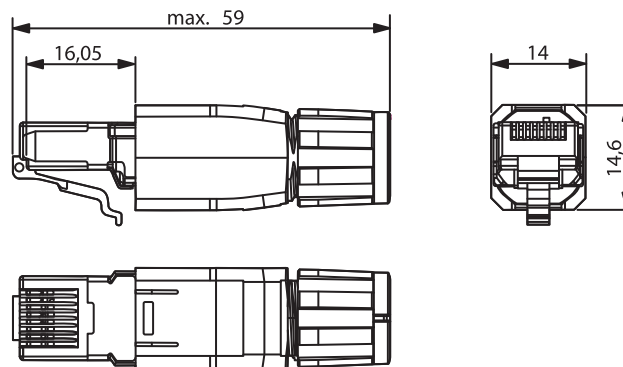
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Technical data sheet · Interface Technology

Protection class	IP 20
Housing material	PA grey
Contact material	CuSn, gold-plated
Cable diameter	4.5 – 8 mm
Storage temperature range	-20 °C ... 70 °C
Operation temperature range	-20 °C – 70 °C
Dimensions (w × h × d)	59.0 × 14.6 × 14.0 mm
Mechanical service life	≥ 1000 insertion cycles
Cross section	AWG 26-22
Weight (kg/piece)	0.012
Standards	Profinet
PU	1

Dimensions



Connection assignment

RJ45

	TIA 568A	TIA 568 B	Profinet
1	WHGN	WHOG	YE
2	GN	OG	OG
3	WHOG	WHGN	WH
4	BU	BU	-
5	WHBU	WHBU	-
6	OG	GN	BU
7	WHBR	WHBR	-
8	BR	BR	-

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