



<b>Identification</b>	Type	RJ45-M 8-pin Cat.5e
	Part-No.	772100

<b>Description</b>	Industrial connector RJ45 IDC quick-connect technology, no tools required Category 5e
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<b>Technical data</b>	
Nominal voltage	30 V
Rated current	Max. 1.75 A per contact
Pol number	8
Transmission frequency	100 MHz
Category	5e (TIA 5688:2001)
Contact type	IDC
Shielding	yes

<b>General</b>	
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. 772100

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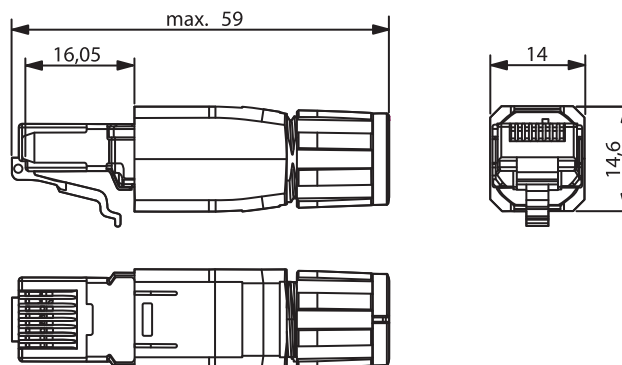
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## Technical data sheet · Interface Technology

Protection class	IP 20
Housing material	PA black
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
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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