



Identification	Type	RJ45-M 8-pin Cat.5e
	Part-No.	772100
Description	Industrial connector RJ45 IDC quick-connect technology, no tools required Category 5e / 6A	
Technical data	Nominal voltage 30 V Rated current Max. 1.75 A per contact Number of terminations 8 Transmission frequency 100 MHz Category 5e (TIA 5688:2001) Contact type IDC Shielding yes Contact resistance $\leq 50 \text{ m}\Omega$	
General	Form RJ45 Pollution degree 1 Insulation resistance $\geq 100 \text{ M}\Omega$ Contact resistance $\leq 50 \text{ m}\Omega$	

22.04.2012 – Subject to technical modification

Part-No. 772100

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

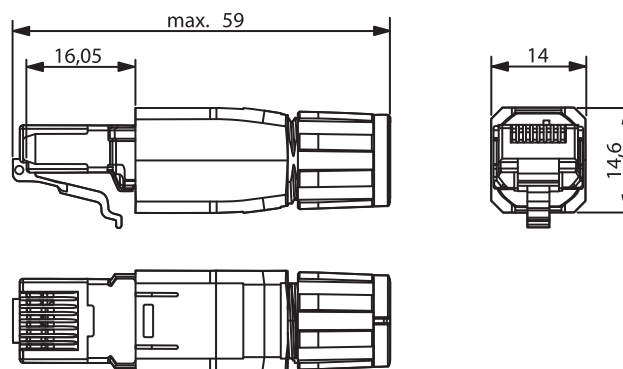
United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

Technical data sheet • Interface Technology

Class of flammability according to UL 94	V0
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
Class of flammability according to UL 94	V0
Dimensions (w × h × d)	59.0×14.6×14.0 mm
Mechanical service life	≥ 1000 insertion cycles
Gauge	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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