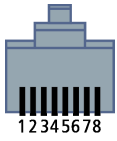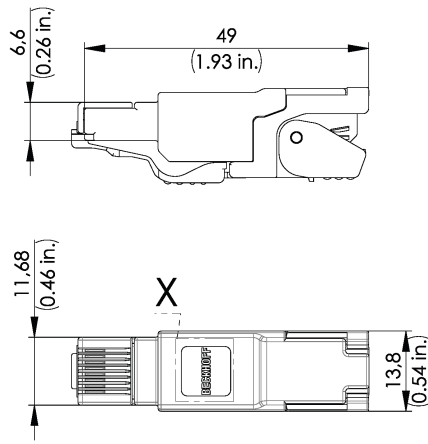# ZS1090-0013 | RJ45 plug field assembly, IP 20, shielded

RJ45, plug, straight, male, 8-pin

Electrical data	
Rated current	1 A at 50 °C
Voltage proof (contact/contact)	≥ 1000 V DC
Voltage proof (contact/shield)	≥ 1500 V DC
Shielding	yes
Contact resistance	< 20 mΩ
Insulation resistance	≥ 500 MΩ
Mechanical data	
Accessories Type	Connector
Installation size	RJ45
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	8-pin
Wire termination	IDC
Mating cycles	≥ 750
Insertion force	≤ 30 N
Body colour	metal
Body material	zinc diecast Ni plated
Contact carrier colour	transparent
Contact carrier material	PC UL 94 V-0
Contact plating	Au over Ni
Contact material	Steel
Max. wire cross section	AWG22 (0.34 mm²)
Max. cable outer diameter	5.0...9.0 mm
Environmental data	
Special features	PoE according to IEEE 802.3af, PoE+ according to IEEE 802.3at, 4PPoE according to IEEE 802.3bt, 10 Gigabit Ethernet acc. to IEEE 802.3an, Category 6A according to ISO/IEC 11801; DIN EN 50173-1 and ANSI/TIA-568-C.2, Class EA according to ISO/IEC 11801; DIN EN 50173-1
RoHS compliant	yes acc. to directive 2011/65/EC
Ambient temperature (operation)	-40...+85 °C, -40...+185 °F
Protection class	IP 20 (according to IEC 60529)
Approvals	UL listed

6,6
(0.26 in.)

49
(1.93 in.)

11,68
(0.46 in.)

X

13,8
(0.54 in.)

1 2 3 4 5 6 7 8

A1	49.00 mm
A2	13.80 mm

Notes

- Illustrations similar

ZS1090-0013	plug, field assembly, RJ45, IP 20, straight, male, 8-pin, AWG22, PU = 10 pieces, Ø 5.0…9.0 mm, shielded