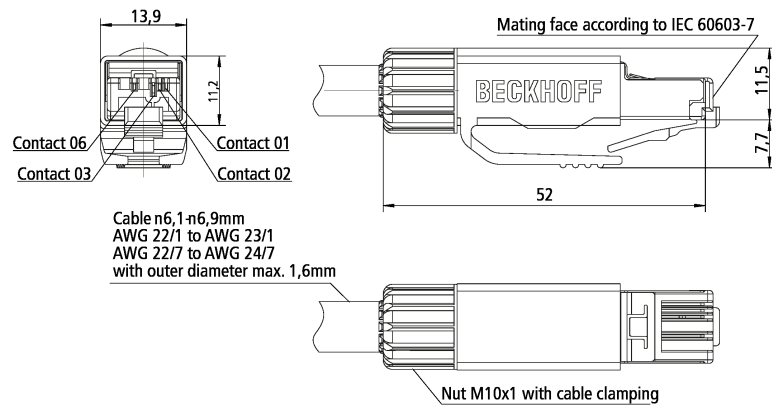# ZS1090-0003 | RJ45 plug field assembly, IP 20, shielded

RJ45, plug, straight, male, 4-pin

Electrical data	
Rated voltage	160 V (according to IEC 61076-2-101)
Rated current	1.5 A
Rated impulse voltage	1.0 kV
Shielding	yes
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Mechanical data	
Accessories Type	Connector
Installation size	RJ45
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	4-pin
Wire termination	IDC
Mating cycles	≥ 750
Weight per piece	0.013 kg (0.0087 lb)
Body colour	black
Body material	PA UL 94 V0
Contact carrier colour	black
Contact carrier material	PC UL 94 V-0
Contact plating	Au
Contact material	CuZn
Max. wire cross section	AWG24 ... AWG22 (0,25mm² ... 0.34mm²)
Max. cable outer diameter	4.5...9.0 mm
Environmental data	
Special features	Categorie 5 / class D up to 100 MHz according to ISO / IEC 11 801:2002, EN 50 173-1
RoHS compliant	yes
Ambient temperature (operation)	-40…+70 °C, -40…+158 °F
Protection class	IP 20
Approvals	UL

Dimensions

13,9
11,2

Contact 06
Contact 03
Contact 01
Contact 02

Cable n6,1-n6,9mm
AWG 22/1 to AWG 23/1
AWG 22/7 to AWG 24/7
with outer diameter max. 1,6mm

Mating face according to IEC 60603-7

BECKHOFF

11,5
7,7
52

Nut M10x1 with cable clamping

A1	approx. 52.00 mm

Notes

- Illustrations similar

Ordering information	
ZS1090-0003	plug, field assembly, RJ45, IP 20, straight, male, 4-pin, AWG22…24, PU = 10 pieces, Ø 4.5…9.0 mm, shielded