

Installation Guide

Ruggedized metal body RJ45 Connector Cat6A Shielded/Unshielded IP20

Doc # PX105479 release C

Page 1 of 1

AWG 22-27



70

50

0

5

15

mm

1

S/FTP

min. 50 mm

min. 50 mm

min. 50 mm

U/FTP

Drain wire wrapped

10 mm

fold braided shield backwards

SF/UTP

min. 50 mm

score and remove the foil screen

cut off cross separator

2

T568A presort pairs

Cable end 1

5 mm

remove pair screen to max. 5 mm

Cable end 2

T568B presort pairs

Cable end 1

5 mm

remove pair screen to max. 5 mm

Cable end 2

3

S/FTP and U/FTP

untwist and insert pairs into the wire manager

SF/UTP

smooth wires accurately before inserting into the wire manager

4

Parallel Pliers-Vrench, smooth surface to prevent damage

5

cut all 8 wires using cutting pliers, wires protruding max 0,5 mm

6

remove assembly aid

7

ca 18 mm

insert the wire manager

8

T568A

T568B

Wire manager can be brought to end position by means of screen cover

1x click

2x click

3x click

press housing parts until snap-in

cable relief is fixable in three-step

> Ø7,5-9,0 mm

> Ø6,0-7,5 mm

Ø5,0-6,0 mm

9

Connection

Colour code T568		PROFINET		R45 PIN No		Application	
A	B						
B-V	B-O	YE	1	1	•	10 Gigabit/100BT	•
V	O	OG	2	2	•	Ethernet	•
B-O	B-G	WH	3	3	•	Token Ring	•
BL	BL		4	4	•	ISDN/S0	•
B-BL	B-BL		5	5	•		•
O	V	BL	6	6	•		•
BL-BR	BL-BR		7	7	•		•
BR	BR		8	8	•		•

The connector is also suitable for unshielded termination.

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