

Basic features

Application	Profinet , CAT 5
Approval/Conformity	CE EAC WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR Shielded Green, 25 m, Drag chain compatible
Cable diameter D	6.70 mm ±0.30 mm
Cable, bending cycles min.	2 million
Cable, note	Profinet Type C, CAT 5E by IEC 61156-6
Conductor cross-section	22 AWG
Connection 1	RJ45-Male, Straight, 4-pin
Connection 2	RJ45-Male, Straight, 4-pin
Number of conductors	4
System	assembled/assembled

Electrical data

Operating voltage U_b	125 VDC / 125 VAC
Rated current (40 °C)	1.0 A
Transfer rate	10...100 Mbit/s

Environmental conditions

Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-20...60 °C
Protection degree	IP20/IP20

Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Aluminum foil and copper braid
Material contact carrier	PA/PA
Material contacts	Bronze/Bronze
Material grip	PA 6.6/PA 6.6

Mechanical data

Acceleration max., drag chain	2 m/s ²
Cable jacket, color	Green
Cable length L	25.00 m
Cable properties	Drag chain compatible
Horizontal travel permitted, drag chain	5 m
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	5 m

Remarks

Cable construction acc. to UL-AWM Style 20236

Halogen-free per DIN VDE 0472 Part 815

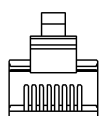
Silicone-free

Flame resistance acc. to FT1

AIDA conformal

Enclosure rating per IEC 60529 or ISO 20653, only in screwed state with the associated mating piece.

Connector Drawings



1.....8

I, II

PIN 1: yellow

PIN 2: orange

PIN 3: white

PIN 4: n.c.

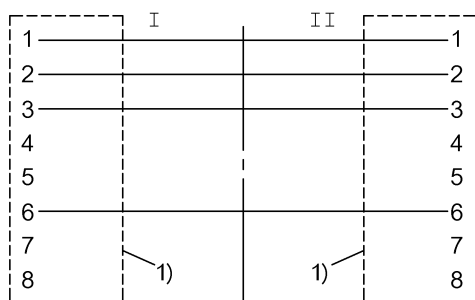
PIN 5: n.c.

PIN 6: blue

PIN 7: n.c.

PIN 8: n.c.

Wiring Diagrams



1) Shield on housing