

1) from cable drum



Basic features

Approval/Conformity CE

Electrical connection

Bending radius min., fixed cable 7.5 x D
Bending radius min., flexible cable 12 x D
Cable PUR Shielded Green, 100 m, drag chain compatible
Cable diameter D 6.70 mm ±0.20 mm
Cable, note Profinet Type C, CAT 5E by IEC 61156-6
Conductor cross-section 22 AWG
Number of conductors 4

Electrical data

Conductor resistance ≥ 140.0 Ohm/km at 20 °C
Isolation resistance ≥ 500 MOhm x km
Operating capacitance nom. 30pF/m at 800Hz
Stranding Star quad
Surge impedance 100 Ohm ±15 Ohm/pairs 1 MHz-100MHz
Transfer rate 10/100 Mbit/s

Remarks

Cable construction acc. to UL-AWM Style 20549
 Flame resistance acc. to IEC 60332-1
 Halogen-free acc. to IEC 60754-1

Environmental conditions

Cable temperature, fixed routing -20...80 °C
Cable temperature, flexible routing -20...50 °C

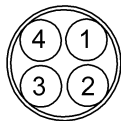
Material

Cable jacket material, note Shielded
Cable jacket, material PUR
Cable shield Copper braid, tin-plated

Mechanical data

Cable jacket, color Green
Cable length L 100.00 m
Cable properties drag chain compatible

Connector Drawings



Conductor diagram

Conductor 1: yellow

Conductor 2: white

Conductor 3: orange

Conductor 4: blue