

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

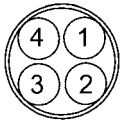
Material

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