

RJ45 male 0° shielded with cable, Ethernet

PUR 1x4xAWG22 shielded gn UL/CSA+robot 7,5m

Ethernet CAT5e
Male straight
RJ45, 4-pole
shielded
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

More Info

EtherNet/IP



Form

Form 74101

General data

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	1 × 4 × 0.34 mm ²
Wire isolation	PE (wh, ye, bl, or)
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.6 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+60 °C
Cable identification	793
Approval (cable)	UL (AWM-Style 20233/10578), CSA; CE
Cable weight [g/m]	69,30
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 60 Ω/km (20 °C)
Single wire Ø (core)	0.16 mm

Construction (core)	19× 0.160 mm
Diameter (core)	1 × 4× AWG22/19 (0.382)
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.6 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
	min. 85%
Material (jacket)	PUR
Outer-Ø (jacket)	6.6 mm ±5%
Color (jacket)	green
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	300 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+60 °C
Bend radius (fixed)	8× outer Ø
Bend radius (moving)	12× outer Ø
Torsion stress	±180°/m
No. of torsion cycles	max. 4 Mio. (25 °C)
Jacket Color	green

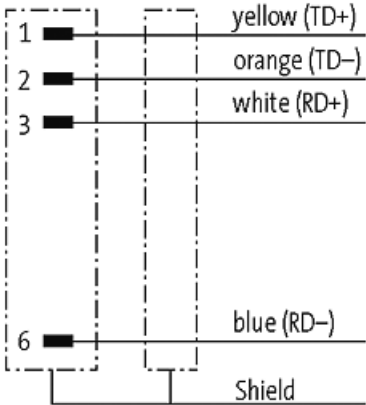
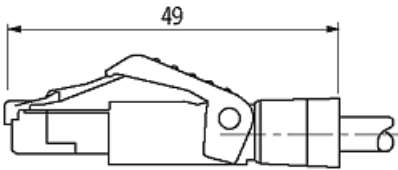
Technical Data

Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 A (20 °C)
Material group	IEC 60664-1, category I
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Locking of ports	Standard
Protection	IP20 inserted and tightened (EN 60529)
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

country of origin	DE
customs tariff number	85444210
EAN	4048879493291
eClass	27061801
Packaging unit	1

Sketch



Male



Product may differ from Image