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Network cable - VS-PPC/PL-PPC/PL-93C-LI/5,0

1416225

https://www.phoenixcontact.com/gb/products/1416225

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Assembled PROFINET cable, CAT5e, shielded, star quad, AWG 22 flexible cable conduit capable (7-wire), RAL 6018 (yellow-green), RJ45 plug/IP67 push-pull plastic housing on RJ45 plug/IP67 push-pull plastic housing, line, length 5 m

Commercial Data

Item number	1416225
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	ABNEAJ
Product Key	ABNEAJ
Catalog Page	Page 309 (PC-2011)
GTIN	4046356474795
Weight per Piece (including packing)	376 g
Weight per Piece (excluding packing)	376 g
Customs tariff number	85444210
Country of origin	PL

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Technical Data

Product properties

Product type	Data cable preassembled
Number of positions	4
Connection profile	RJ45 8(4)
No. of cable outlets	1
Locking type	Push Pull
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Transmission medium	Copper

Material specifications

Color	black
Flammability rating according to UL 94	V0

Connector

Insertion/withdrawal cycles	≥ 250

Connection 1

Material	Plastic
Degree of protection	IP67

Connection 2

Material	Plastic

Cable / line

Cable length	5.00 m
Cable weight	61.00 kg/km
Cable type	PROFINET
Cable structure	1x4xAWG22/7; SF/TQ
External cable diameter	6.50 mm
Outer sheath, material	PUR
External sheath, color	green RAL 6018
Conductor material	Tin-plated Cu litz wires
Conductor structure signal line	7x 0.25 mm
AWG signal line	22
Wire diameter incl. insulation	approx. 1.5 mm
Single wire, color	White, yellow, blue, orange

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Wave impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)
Smallest bending radius, fixed installation	33 mm
Smallest bending radius, movable installation	50 mm
Number of bending cycles	3000000
Bending radius	200 mm
Traversing rate	4 m/s
Acceleration	4 m/s²
Smallest bending radius, fixed installation	33 mm
Smallest bending radius, movable installation	50 mm
Number of bending cycles	3000000
Bending radius	200 mm
Traversing rate	4 m/s
Acceleration	4 m/s²

Ambient conditions

Degree of protection	IP65
	IP67
Degree of protection	IP65/IP67

Standards and regulations

Standards/specifications	IEC PAS 61076-3-117

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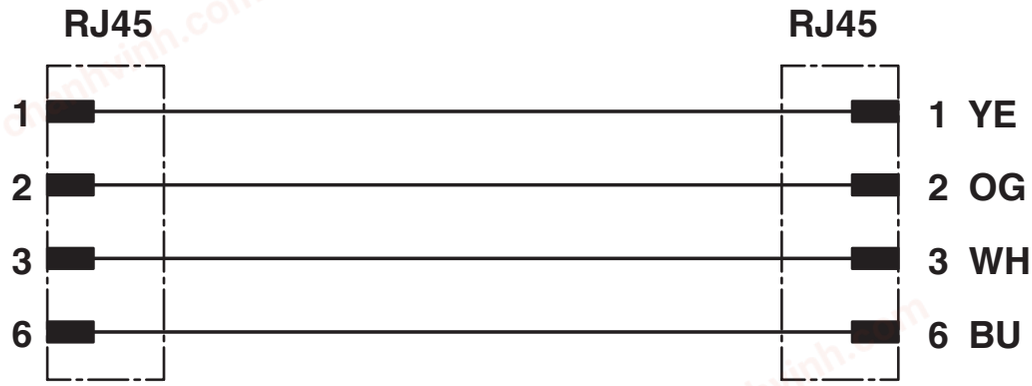
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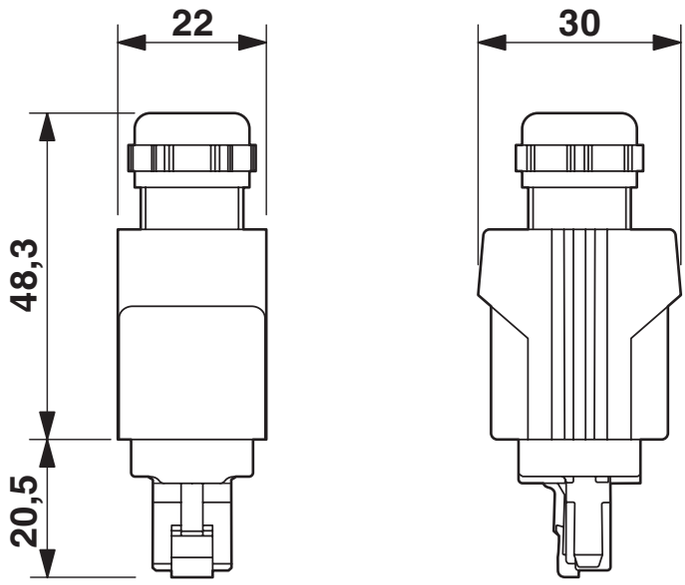
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Drawings

Circuit diagram



Dimensional drawing



Push-pull RJ45 connector IP65/67

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Approvals

EAC
Approval ID: 19060508

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Classifications

ECLASS

ECLASS-9.0	27060308
ECLASS-10.0.1	27060308
ECLASS-11.0	27060308

ETIM

ETIM 8.0	EC002599

UNSPSC

UNSPSC 21.0	26121600

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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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