

Cable - VS-P1220-P1220-C1020/ 1,0 - 1609170

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Cable, PROFINET/power, 5-position, PVC, Silver-gray RAL 7001, Plug straight MSTB Push Pull / IP65, on Plug straight MSTB Push Pull / IP65, Cable length: 1 m



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	449.0 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	1 m
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Ambient conditions

Degree of protection	IP65
	IP67

General data

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
Rated voltage	24 V
Number of positions	5
Signal type/category	PROFINET/power

Characteristics head 1

Head type	Plug straight MSTB Push Pull / IP65
No. of positions (pin connector pattern)	5

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Technical data

Characteristics head 2

Head type	Plug straight MSTB Push Pull / IP65
No. of positions (pin connector pattern)	5

Cable

Cable type	PVC gray
Cable type (abbreviation)	PVC
Conductor cross section	5x 2.5 mm ²
AWG power supply	14
Conductor structure, voltage supply	50x 0.25 mm
Wire colors	blue, brown, black, gray, green/yellow
Overall twist	5 cores, twisted
External sheath, color	gray RAL 7001
External cable diameter D	11.8 mm
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	15 x D
Cable weight	242 kg/km
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	> 0.2 MΩ*km
Nominal voltage, cable	750 V
	1000 V (Fixed, protected installation)
Test voltage, cable	4000 V
Flame resistance	According to IEC 60332-1-2
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 70 °C (cable, flexible installation)

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311

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Classifications

ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

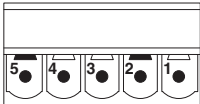
Approvals submitted

Approval details

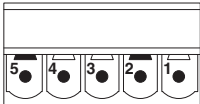
EAC

Drawings

Schematic diagram



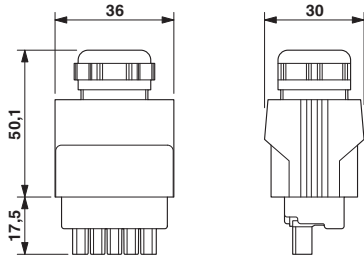
Schematic diagram



Connector pin assignment for PROFINET Push-Pull, power connector, 24 V Connector pin assignment for PROFINET Push-Pull, power connector, 24 V

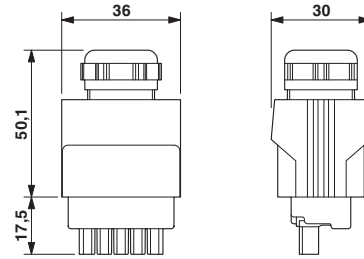
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Dimensional drawing



Push-Pull MSTB connector IP65/67

Dimensional drawing



Push-Pull MSTB connector IP65/67

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