

VS-P1220-P1226-C1021/ 1,0 - Cable



1609219

<https://www.phoenixcontact.com/us/products/1609219>

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Cable, degree of protection: IP65, number of positions: 5, material: Zinc die-cast/PBT, PROFINET/power

Commercial data

Item number	1609219
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNOIA
GTIN	4046356160124
Weight per piece (including packing)	325 g
Weight per piece (excluding packing)	325 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Product properties

Product type	Data cable preassembled
Number of positions	5
Shielded	no

Interfaces

Signal type/category	PROFINET/power
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Electrical properties

Rated voltage (III/3)	24 V
Rated current	16 A (at 20 °C)
Nominal voltage U_N	24 V
Transmission medium	Copper

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 50
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Material specifications

Seal material	NBR
Housing material	Zinc die-cast/PBT
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PA/PUR
Outer sheath, material	PVC
Conductor material	Bare Cu litz wires

Connector

Connection 1

Type	Plug straight MSTB
Locking type	Push Pull
Degree of protection	IP65

Connection 2

Type	Plug straight 7/8"-UNF
Degree of protection	IP65

Cable/line

PVC gray [PVC]

Shielded	no
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Cable type	PVC gray
Cable type (abbreviation)	PVC
External cable diameter	8.1 mm
Outer sheath, material	PVC
External sheath, color	silver-gray RAL 7001
Conductor material	Bare Cu litz wires
Conductor cross-section	1.5 mm ²
Smallest bending radius, fixed installation	40 mm
Smallest bending radius, movable installation	150 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
	IP65
Ambient temperature (operation) (fixed installation)	-40 °C ... 70 °C (cable, fixed installation)
Ambient temperature (operation) (flexible installation)	-5 °C ... 70 °C (Cable, flexible installation)
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 70 °C (Plug / socket)

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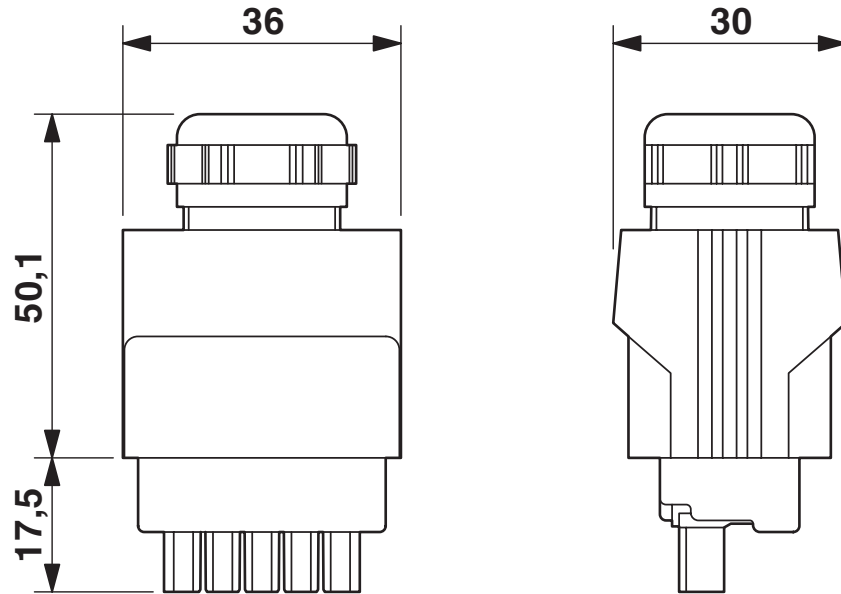


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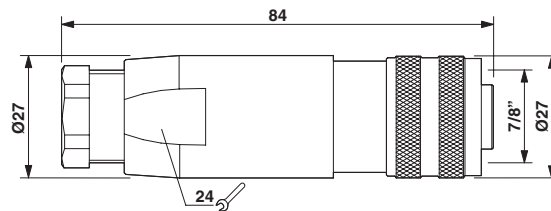
Drawings

Dimensional drawing



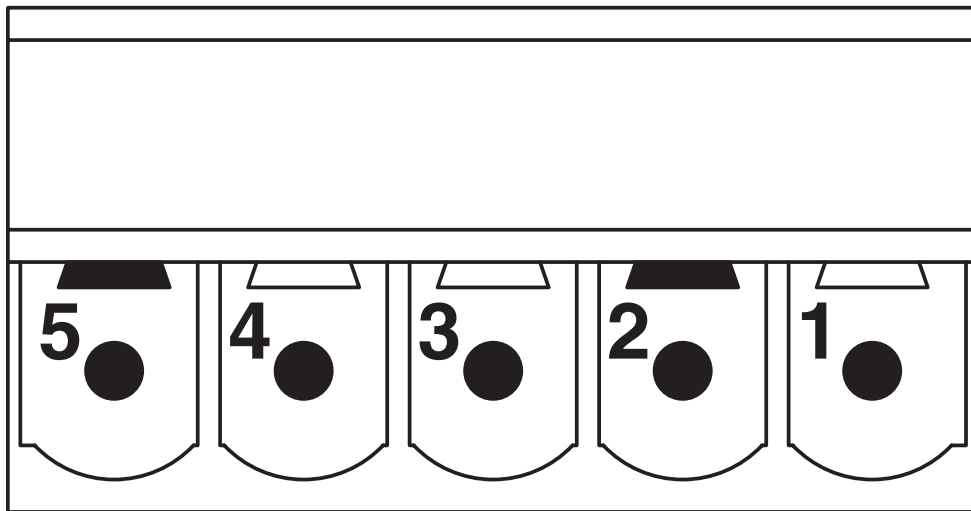
Push-Pull MSTB connector IP65/67

Dimensional drawing



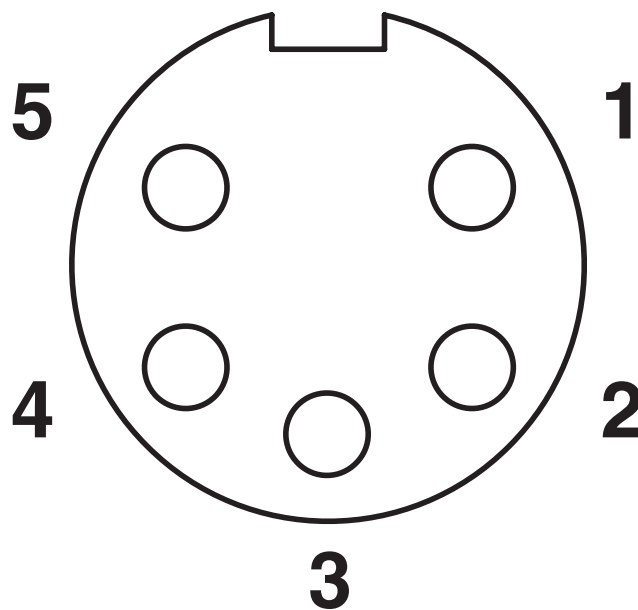
Socket 7/8"-16UNF, straight, Pg13

Schematic diagram



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

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

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