

# QPD W 5X1,5 M25 1,0 BK B-S - Panel feed-through



1424877

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Panel feed-through, connection method: Single wires, M25, 690 V, 17.5 A, PA, black, without QUICKON nut, coding: Coding profile, 1.5 mm<sup>2</sup>, cable length: 1 m, pin assignment: 1 = RD, 2 = BK, 3 = WH, 4 = BN, 5 = VT

## Commercial data

Item number	1424877
Packing unit	1 pc
Minimum order quantity	100 pc
Product key	AF6ACA
GTIN	4055626382814
Weight per piece (including packing)	138.4 g
Weight per piece (excluding packing)	138.4 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Panel feed-through
Product family	QPD
Type	QPD 5x1,5
Number of positions	5
Position marking	1, 2, 3, 4, 5
Number of connections	10
Number of connections per position	1
Coding	Coding profile

### Insulation characteristics

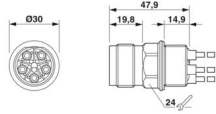
Overvoltage category	III
Degree of pollution	3

### Connection data

#### Connection technology

Connection method On the device side	Single wires
Frequency of connections between conductors of the same cross section	max. 10

### Dimensions

Dimensional drawing	
Width	30 mm
Height	30 mm
Length	47.9 mm
Diameter	30 mm

### Electrical properties

Rated surge voltage (II/2)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (III/3)	6 kV
Rated current	17.5 A
Contact resistance	< 3 mΩ
rated voltage (II/2)	1000 V
rated voltage (III/2)	1000 V
Rated voltage (III/3)	690 V
Nominal voltage $U_N$	690 V
Nominal current $I_N$	17.5 A

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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	max. 50
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## Material specifications

Color	black (RAL 9005)
Material Housing	PA
Material Contact	Cu
Material Contact surface	silver-plated
Flammability rating according to UL 94	V0

## Cable/line

Cable length	1 m
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6/min. 0.15 mm
Wire diameter including insulation	1.6 mm ... 3 mm
Position marking	1, 2, 3, 4, 5
Single wire, color	red, black, white, violet, brown
Cable cross section	1.5 mm <sup>2</sup>
Material wire insulation	PVC / PE

## Mounting

Mounting type	Front mounting M25
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69K
Impact strength	IK07
Ambient temperature (operation)	-40 °C ... 100 °C
Temperature when conductor connected	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 100 °C

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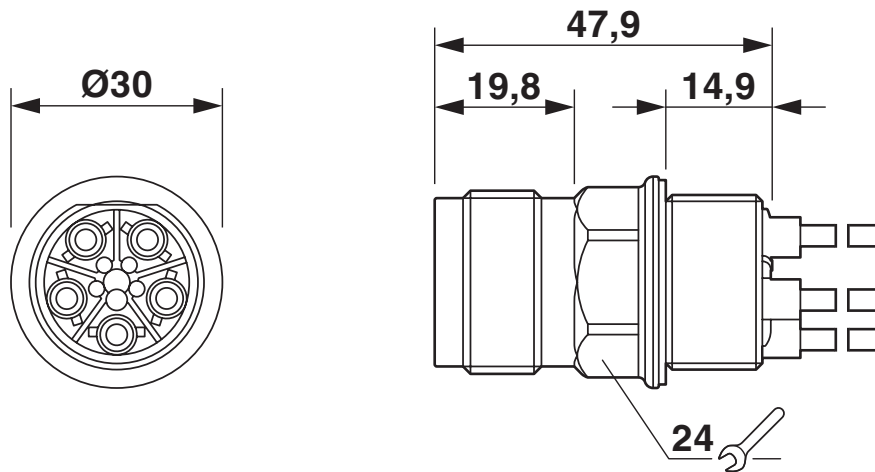


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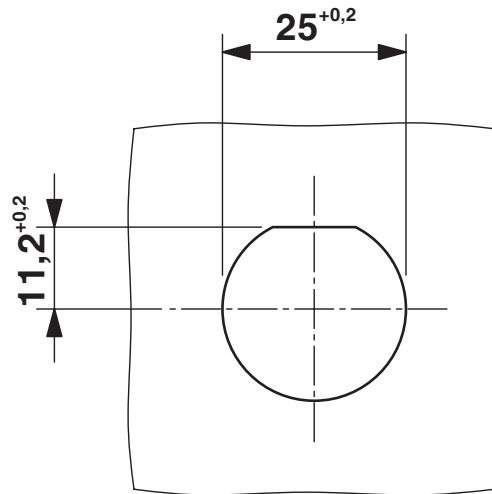
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## Drawings

Dimensional drawing



Dimensional drawing



Panel cutout

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## Classifications

### ECLASS

ECLASS-13.0	27440602
ECLASS-15.0	27440602

### UNSPSC

UNSPSC 21.0	39121413
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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