

## Panel feed-through - QPD W 4PE2,5 9-16 M25 FC EX - 1411392

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QUICKON panel feed-through for the hazardous area, 4+PE-pos., 1.0 mm²... 2.5 mm²/with QUICKON nut, black, for cable diameter 9 mm ... 16 mm, M25 connection thread with 5 slip-on contacts for slip-on sleeves.

### Your advantages

- ✓ Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- ✓ Convenient: quick and easy assembly without special tools
- ✓ Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- ✓ Safer connection thanks to polarization against mismatching and touch-proof protection according to DIN EN 0105
- ✓ Efficient - by using panel feed-throughs, devices no longer need to be opened in order to connect cables

RoHS

### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
GTIN	 4 046356 930062
GTIN	4046356930062
Weight per Piece (excluding packing)	22.220 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### General

Note	Intended for applications in intrinsically safe circuits according to EN 60079-11 and EN 60079-14.
Type	QPD 5x2,5
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	5

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## Technical data

### General

Note number of positions	4+PE
Wrench size, union nut	27 mm
Tightening torque, union nut	10 Nm
Tightening torque, counter nut	5 Nm
Wrench size, counter nut	30 mm
Number of connections	10
Conductor cross section flexible min.	1 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	1 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	16
Conductor cross section AWG max.	14
Dimensions of slip-on connection	4.8 x 0.8 mm

### Cabel

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6/min. 0.15 mm
Wire insulation material	PVC/PE/TPE/rubber
Wire diameter including insulation	2 mm ... 3.8 mm
Position marking	1, 2, 3, N, PE

### Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69K
Ambient temperature (operation)	-40 °C ... 100 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C

### Electrical characteristics

Nominal current I <sub>N</sub>	20 A
Rated voltage (III/3)	60 V
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV

### Mechanical characteristics

QUICKON connectability	max. 10
Category of shock impact	IK07

### Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA

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## Technical data

### Material data

Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III
Degree of pollution	3

### Standards and Regulations

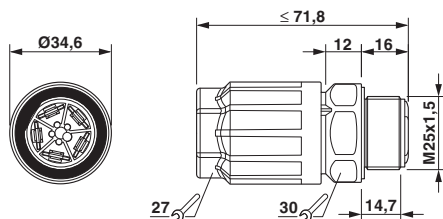
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

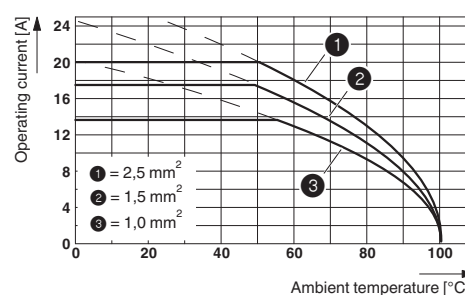
## Drawings

Dimensional drawing

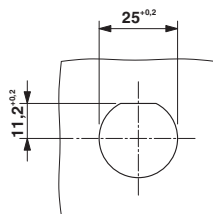


QPD W 4PE2.5 M25 dimensional drawing

Diagram



Dimensional drawing



Panel cutout

## Classifications

### eCl@ss

eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 7.0	27440602
eCl@ss 8.0	27440602
eCl@ss 9.0	27440602

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### Classifications

#### ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002566
ETIM 6.0	EC002061

#### UNSPSC

UNSPSC 13.2	39121522
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### Approvals


#### Approvals

#### Approvals

#### GL / EAC

#### Ex Approvals

#### Approval details

GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	6195914 HH
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EAC		EAC-Zulassung
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### Accessories

#### Accessories

#### Coding element

Coding profile - CP-QPD 5X2,5 - 1404530



Coding profile, red, for insertion into the 5-pos. QUICKON dome and connector, can be positioned in 72° increments.

#### Mounting material

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### Accessories

Nut - Q-MU M25 - 1640715



Nut (plastic) to lock the contact carrier from the inside of the device

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### Protective cap

Protective cap - QPD QSK BK 5X2,5 FS - 1404525



Protective cap, plastic, for QUICKON connection, black, with retaining cord, IP68

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### Sealing plugs

Closing cap - SEALING PLUG 14X22 RD - 1400270



Closing cap, PA, for threads pluggable, color: red

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### Socket spanner

Socket wrench - QSS 27 - 1670646



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 27 mm