



Automatización Eléctrica
Especialistas en Automatización

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Panel feed-through - QPD W 4PE2,5 9-16 M20 FC EX - 1411399

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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, M20 connection thread with 5 slip-on contacts for slip-on sleeves.

Why buy this product

- 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

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	25 STK
GTIN	 4 046356 932028

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
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 ²

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Technical data

General

Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	14

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	2.5 mm ... 3.8 mm

Ambient conditions

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

Electrical characteristics

Nominal current I _N	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
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Material data

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

eCl@ss

eCl@ss 5.1	27143424
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Classifications

eCl@ss

eCl@ss 6.0	27143424
eCl@ss 8.0	27440602

ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002566

Approvals

Approvals

Approvals

GL / EAC

Ex Approvals

Approvals submitted

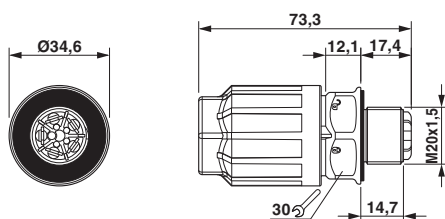
Approval details

GL

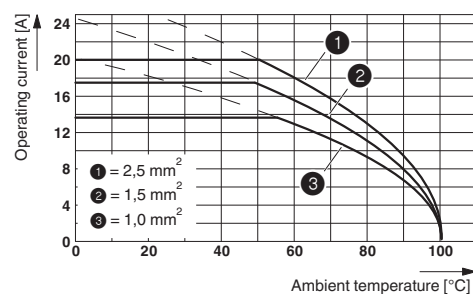
EAC

Drawings

Dimensional drawing



Diagram



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Product	Code	Reference	Product link
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