

# QPD CW 4X2,5/1X9-14 GY - Conductor connectors



1582533

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Cable connector panel feed-through, single-sided with QPD nut, gray, 4-pos. without PE, 1.0 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>/690 V/20 A, for cable diameters of 9 mm ... 14 mm.

## Your advantages

- Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- Safer connection with mechanical coding to protect against mismatching, and touch-proof protection in accordance with DIN EN 0105
- Easy and safe - with the cable connector, you can repair or extend cables quickly, in combination with the connector as well as the coupling connection

## Commercial data

Item number	1582533
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF50
Product key	BF6CBB
Catalog page	Page 100 (PC-2011)
GTIN	4046356552158
Weight per piece (including packing)	59.7 g
Weight per piece (excluding packing)	59.7 g
Customs tariff number	85366990
Country of origin	DE



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Rated surge voltage (III/2)	8 kV
Rated surge voltage (III/3)	6 kV
Rated current	20 A
Contact resistance	< 3 mΩ
rated voltage (II/2)	1000 V
rated voltage (III/2)	1000 V
Rated voltage (III/3)	630 V
Nominal voltage $U_N$	690 V
Nominal current $I_N$	20 A

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	max. 50
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## Material specifications

Material Housing	PA
Material Contact	CuZn
Material Contact surface	tin-plated
Flammability rating according to UL 94	V0
Material wire insulation	PVC / PE / rubber / TPE

## Cable/line

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6/min. 0.15 mm
External cable diameter	6 mm ... 10 mm (Order Quickon nuts or Quickon connectors separately)
Wire diameter including insulation	2 mm ... 3.8 mm
Position marking	1, 2, 3, 4
Material wire insulation	PVC / PE / rubber / TPE
Halogen-free	no

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69K
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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