


**Q 0,34/4IDC/16-16KU-KU BK**

Order No.: 1641879

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1641879>QUICKON conductor connector, 4-pos., connection cross section  
0.14-0.34 mm<sup>2</sup>**Commercial data**

GTIN (EAN)	 4 017918 925185
sales group	D430
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 49 (PC-2009)

**Product notes**WEEE/RoHS-compliant since:  
12/01/2005

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www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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information and data, please refer  
to the user documentation. The  
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**Technical data****General characteristics**

Color	black
Connection method	QUICKON connection
Type of connection	IDC connection
Number of positions	4
Tightening torque, union nut	0.8 Nm

Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	0.34 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.25 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	22

#### Conductor data

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6 / min. 0.10 mm
Wire insulation material	PVC/PE
Wire diameter including insulation	0.7 mm ... 1.6 mm
External cable diameter	3.5 mm ... 6 mm

#### Environmental conditions

Degree of protection	IP65/67
Ambient temperature (operation)	-40 °C ... 80 °C (specifications of the cable manufacturer must also be observed)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Temperature when conductor connected	-5 °C ... 50 °C (specifications of the cable manufacturer must also be observed)

#### Electrical characteristics

Nominal current I <sub>N</sub>	5 A
Rated current	5 A
Rated voltage (III/3)	125 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	320 V
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

#### Mechanical characteristics

QUICKON connectability	max. 10
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#### Material data

Contact material	Steel
Contact surface material	Tin-plated
Contact carrier material	PA

Insulating material	PA
Inflammability class acc. to UL 94	V0
Surge voltage category	III
Pollution degree	3

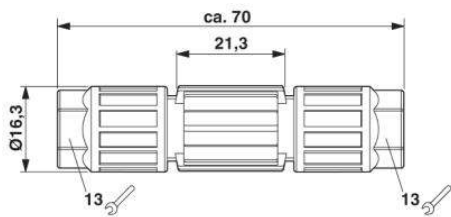
### Accessories

Item	Designation	Description
<b>Protection and sealing elements</b>		
1400254	SEALING PLUG 6X16 RD	Closing cap, for closing unused bore holes in multiple seals and cable glands, diameter 6 mm

<b>Tools</b>		
1205862	MICROFOX SC	Diagonal cutter for Cu wire up to 1.5 mm diameter

### Diagrams/Drawings

Dimensioned drawing



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