

# QUICK CONNECT BACK FITTINGS



Universal mounting of the Quick Connect Electrical connector series is achieved with a Variety of back fittings to match the technical and Commercial demands of a wide range of harsh Environment applications.

Panel mount lock nut and washer	Suitable for plugs and receptacles	
Flange and gasket (Neoprene)	Ideal for bulkhead mounted connectors	

Long compression screw gland	Traditional sealing arrangement	
Long compression screw/strain relief adaptor	Traditional sealing arrangement with strain relief	
Wire seal, 2 way Wire seal, 7 way Wire seal, 12 way	Economic wire sealing without the need for sealing gland	
Wire seal/strain relief adapter, 2 way [Long] Wire seal/strain relief adapter, 7 way [Long] Wire seal/strain relief adapter, 12 way [Long]	Double sealing with additional strain relief	
Wire seal/compression screw gland, 2 way Wire seal/compression screw gland, 7 way Wire seal/compression screw gland, 12 way	Double sealing. Seals on wire insulation and outer cable	
Wire seal/sealed strain relief adapter, 2 way Wire seal/sealed strain relief adapter, 7 way Wire seal/sealed strain relief adapter, 12 way	Double sealing with additional strain relief	
Filler plug for wire seal, 2 way Filler plug for wire seal, 7 way Filler plug for wire seal, 12 way	Options for wire seals	
Overmoulding	Tamperproof solutions	

Gasket	
Neoprene	Centellen
QC205P	QC205C
QC405P	QC405C

Wire Seal	Sealing Ring	
Silicone	Nitrile	Silicone
	QC210N-L	QC210S-L
	QC215N-L	QC215S-L
QC220-02 QC220-07 QC220-12		
QC225-02-L QC225-07-L QC225-12-L		
Included	QC230N-02-L QC230N-07-L QC230N-12-L	QC230S-02-L QC230S-07-L QC230S-12-L
Included	QC235N-02-L QC235N-07-L QC235N-12-L	QC235S-02-L QC235S-07-L QC235S-12-L
	114017 0413-204-2005 600300-22	
	Details on application	

For chemical resistance consult Deutsch

The Quick Connect back fittings suit M16 x 1.5mm pitch thread.



## DEUTSCH

# Technical

## Dimensions

Dimensions are approximate\* and in millimetres, measured from the back face of the connector's mounting flange.

## Specifications

Waterproof to IP67 unless stated otherwise.

Panel mount lock nut and washer		Nylon lock nut with neoprene washer															
Flange and Gasket (Neoprene)		Requires a screw or bolt of the correct length to suit surface material and thickness															
Long compression screw gland		Dia. 4.5 to 11.0mm cable sealing  Compression fittings must be correctly tightened to achieve an IP68 watertight seal															
Long compression screw gland, strain relief adapter		Contact Deutsch to verify IP68 requirements															
Wire seal, 2 way [Filler plug optional] Wire seal, 7 way [Filler plug optional] Wire seal, 12 way [Filler plug optional]		<table border="1"> <thead> <tr> <th>Contact Size</th> <th>Diameter (mm)</th> </tr> <tr> <th></th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>1.65</td> <td>2.77</td> </tr> <tr> <td>20</td> <td>1.02</td> <td>1.65</td> </tr> <tr> <td>22</td> <td>0.76</td> <td>1.37</td> </tr> </tbody> </table>	Contact Size	Diameter (mm)		Min	Max	16	1.65	2.77	20	1.02	1.65	22	0.76	1.37	Wire sealing (see table opposite)
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16		1.65	2.77														
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22	0.76	1.37															
Wire seal/strain relief adapter, 2 way Wire seal/strain relief adapter, 7 way Wire seal/strain relief adapter, 12 way	Unused cavities require a filler plug to achieve a watertight seal																
Wire seal/compression screw gland, 2 way Wire seal/compression screw gland, 7 way Wire seal/compression screw gland, 12 way	Cable and wire sealing to IP68																
Wire seal/sealed strain relief adapter, 2 way Wire seal/sealed strain relief adapter, 7 way Wire seal/sealed strain relief adapter, 12 way																	

\*Dimensions are approximate due to variances in cable specifications and resulting compression.

Contact Deutsch to verify individual application requirements.

*A step ahead in technology*

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Subject to change without prior notification



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