Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Cable gland - G-INSEC-M16-S68N-NCRS-S - 1411188

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Cable gland, cable gland material: Nickel-plated brass, external cable diameter 5 mm ... 9 mm, shielding: yes, connecting thread: M16 x 1.5, color: silver, with O-ring

Key Commercial Data

Packing unit	10 STK
GTIN	4 046356 923194
GTIN	4046356923194

Technical data

Dimensions

Length	30 mm
Wrench size, union nut	17 mm
Wrench size, support	17 mm
Hexagon angular dimension	19 mm
Length of the connecting thread	5 mm
Feed-through hole diameter	16.1 mm ... 16.2 mm
External cable diameter	5 mm ... 9 mm

Ambient conditions

Degree of protection	IP68 (5 bar, 30 minutes)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

General

No. of conductors	1
Cable gland material	Nickel-plated brass
Material, insert	Polyamide 6
Cable seal material	CR / NBR

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CONTACT

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Technical data

General

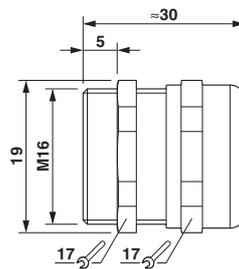| Shielded	yes
Thread type connection side	M16 x 1.5
Torque	3.5 Nm (Union nut: EN 62444)
	3.5 Nm (Support: EN 62444)
Color	silver
Impact category	6
Execution of the strain relief	A
Connection	Method 1 Cut the outer sheath, but do not remove it. Feed the cable through the screw connection and then remove the outer sheath. Now pull the cable back until the connection is established between the cable shield and the contact spring. Method 2 Push the braided shield back around 15 ... 20 mm over the outer sheath. Insert the cables into the screw connection until the connection is established between the cable shield and the contact spring.

Standards and Regulations

Halogen-free	no
Connection in acc. with standard	CUL

Environmental Product Compliance

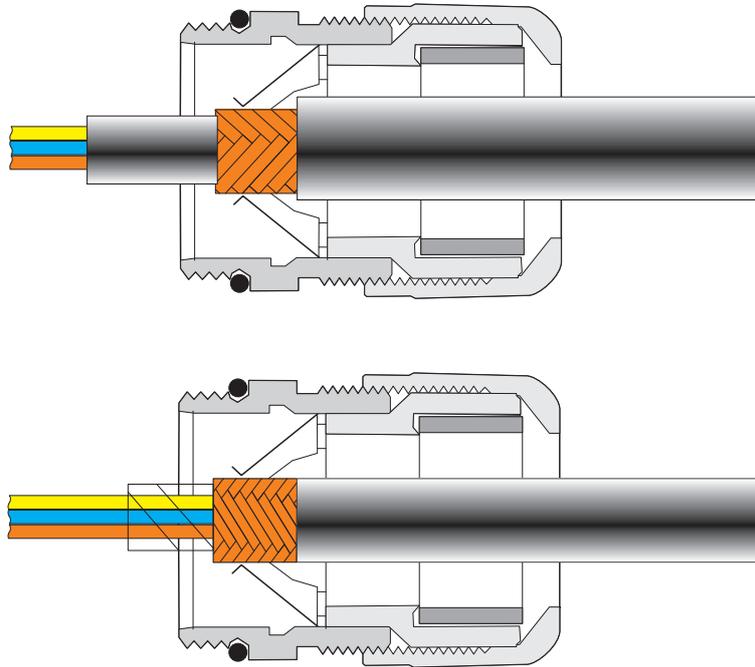| REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing

Dimensional drawing

Cable gland - G-INSEC-M16-S68N-NCRS-S - 1411188

Functional drawing

See assembly instruction

Approvals

Approvals

Approvals

UL Listed / UL Recognized / cUL Listed / cUL Recognized / cULus Recognized / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	QCRV.E140310

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	QCRV2.E140310

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Approvals

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	QCRV7.E140310

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	QCRV8.E140310

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm

cULus Listed