



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!



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## Cable gland - G-INS-M12-S68N-PNES-BK - 1411131

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Cable gland, Cable gland material: Polyamide 6, External cable diameter 3 mm ... 6.5 mm, Shielding: No, Connecting thread: M12, Color: jet black RAL 9005

The illustration shows version G-INS-M25-M68N-PNES-BK



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	4.0 g
Custom tariff number	39269097
Country of origin	Turkey

### Technical data

#### Dimensions

Length	32 mm
Wrench size, union nut	15 mm
Wrench size, support	15 mm
Hexagon angular dimension GRP	17.1 mm
Length of the connecting thread	8 mm
Feed-through hole diameter	12.1 mm ... 12.2 mm
External cable diameter	3 mm ... 6.5 mm

#### Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h)
Ambient temperature (operation)	-20 °C ... 100 °C (static)

#### General

No. of conductors	1
Cable gland material	Polyamide 6

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## Technical data

### General

Seal material	Neoprene
Cable seal material	Neoprene
Shielded	No
Thread type on connection side	M12
Torque	2 Nm (Union nut)
Flammability rating according to UL 94	V2
Color	jet black RAL 9005
	jet black RAL 9005

### Standards and Regulations

Connection in acc. with standard	CSA
Flammability rating according to UL 94	V2

## Classifications

### eCl@ss

eCl@ss 5.1	27149109
eCl@ss 6.0	27149109
eCl@ss 8.0	27149109

### ETIM

ETIM 4.0	EC000441
ETIM 5.0	EC000441

## Approvals

### Approvals

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#### Approvals

CSA / VDE Zeichengenehmigung / UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details


# Cable gland - G-INS-M12-S68N-PNES-BK - 1411131


## Approvals




CSA

VDE Zeichengenehmigung 

UL Recognized 

cUL Recognized 

cULus Recognized 

## Drawings

Dimensional drawing

