



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-M20-S68N-PNES-BK - 1411133

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Cable gland, Cable gland material: Polyamide 6, External cable diameter 6 mm ... 12 mm, Shielding: No, Connecting thread: M20, 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               | 5 pc     |
| Weight per Piece (excluding packing) | 12.0 g   |
| Custom tariff number                 | 39269097 |
| Country of origin                    | Turkey   |

### Technical data

#### Dimensions

|                                 |                     |
|---------------------------------|---------------------|
| Length                          | 42 mm               |
| Wrench size, union nut          | 24 mm               |
| Wrench size, support            | 24 mm               |
| Hexagon angular dimension GRP   | 27.8 mm             |
| Length of the connecting thread | 10 mm               |
| Feed-through hole diameter      | 20.1 mm ... 20.2 mm |
| External cable diameter         | 6 mm ... 12 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         | M20                |
| Torque                                 | 3.5 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 / UL Listed / VDE Zeichengenehmigung / cUL Listed / cULus Listed

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

# Cable gland - G-INS-M20-S68N-PNES-BK - 1411133

## Approvals



## Drawings

Dimensional drawing

