

**Catalog Number:** EXCG100S  
**Product ID:** 7TCA297180R0879  
**UPC Number:** 78621020302  
**EAN Number:** 05011949241527  
**Status:** Active

Single Compression Cable Gland, 1 Inch NPT Thread, Incead Safety Ex e and Intrinsic Safety Ex i, Cable Range 18 to 25mm, Nylon, Black

#### North American Specifications (UNSPSC)

|                          |  |
|--------------------------|--|
| UNSPSC                   | 39121431 Cable gland connector   |
| IGCC                     | 4601 Cable gland connector   |
| Brand Name               | Kopex  |
| Type                     | Single Compression Cable Gland   |
| Application              | Provide Secure Cable Connections Through Knock-outs and Threaded Entries |
| Standard                 | Approved to EN60079-0, 60079-7, 60079-11, 60079-31                       |
| Size                     | 1 Inch NPT   |
| Conductor Range          | 18 to 25 Millimeters   |
| Material                 | Nylon  |
| Color                    | Black  |
| Temperature Rating       | -20 to 80 Degrees C  |
| Environmental Conditions | Incead Safety Ex e and Intrinsic Safety Ex i                             |

#### European Specifications (ETIM)

|  |                            |
|--|----------------------------|
| ETIM                                     | EC000441 Cable screw gland |
| Thread type                              | NPT                        |
| Nominal thread size inch/gas pipe thread | 1 inch                     |
| Thread length                            | 18mm                       |
| Hexagon angular dimension                | 42mm                       |
| Suitable for cable diameter              | 18.0-25.0mm                |
| Material                                 | Plastic                    |
| Material quality                         | Polyamide (PA)             |
| Surface protection                       | Untreated                  |
| Halogen free                             | N                          |
| Glass-fibre reinforced                   | N                          |
| Degree of protection (IP)                | IP68                       |
| Shock resistant                          | N                          |
| Colour                                   | Black                      |
| Bend radius protection/trumpet flare     | N                          |
| With locknut                             | N                          |
| Model                                    | Straight                   |
| Flat cable coupling                      | N                          |
| Strain relief                            | N                          |
| Operating temperature                    | -40-+80°C                  |
| Explosion-tested version                 | Y                          |
| For Ex-zone gas                          | None                       |
| For Ex-Zone dust                         | None                       |
| EMC-version                              | N                          |

#### Packaging

|                           |                   |
|---------------------------|-------------------|
| Inner Quantity            | 10                |
| Inner Dimensions (inches) | 9.84x7.48x11.81   |
| Outer Quantity            | 300               |
| Outer Dimensions (inches) | 11.02x22.05x14.57 |
| Weight Uom                | 0.22 lbs. Each    |

**For further technical assistance, please contact us...**

Thomas & Betts - USA  
860 Ridge Lake Blvd.  
Memphis, TN 38120  
[www.tnb.com](http://www.tnb.com)

T&B Technical Support  
MS 3B-50  
860 Ridge Lake Blvd.  
Memphis, TN 38120

Hours: 7AM - 6PM CDT  
Monday-Friday  
Phone: (888) 862-3289  
Fax: (901) 252-1321  
Email: [techsupport@tnb.com](mailto:techsupport@tnb.com)