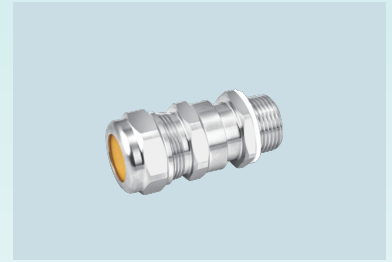


SGN Series Cable Gland For use in Hazardous Locations

For all types of non-armored cable and type P cable

Metallic material, dual seal



Features

- > Wide cable outer connection diameters
- > Controlled pulling resistance
- > Low torque required for tightening
- > Flameproof sealing on the outer sheath of non-armored cable
- > Dual silicon modified rubber internal sealing, optional: single sealing
- > Superior corrosion resistance, high strength impact resistance, EMC application
- > Metric thread (M16x1.5-M63x1.5) and NPT thread (NPT3/8" - NPT2")
- > Ingress protection: standard IP66, optional IP68 with special sealing
- > Operating Temperature: -40 °C ~ +130 °C

Standard Material

- > Nickel Plated Brass
- > 304 Stainless Steel
- > 316 Stainless Steel

Kit Accessories Options

K0: no accessories

K1: ■ Locknut ■ Seal washer

K2: ■ Locknut ■ Seal washer ■ Earth lug

K3: ■ Locknut ■ Seal washer ■ Earth lug ■ Serrated washer

K4: ■ Locknut ■ Seal washer ■ Earth lug ■ Serrated washer ■ Sheath



Locknut



Seal washer



Earth lug



Serrated washer



Sheath

Certifications

EN Standard-ATEX

Ex II 2 G Ex db IIC Gb

Zone 1, Zone 2 Group IIA, IIB and IIC

Ex II 2 D Ex tb IIIC Db

Zone 21, Zone 22 Group IIIA, IIIB and IIIC

IEC Standard-IECEX

Ex db IIC Gb

Zone 1, Zone 2 Group IIA, IIB and IIC

Ex tb IIIC Db

Zone 21, Zone 22 Group IIIA, IIIB and IIIC

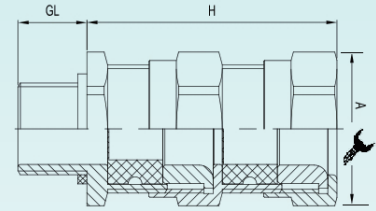
NEC Standard-UL

Class I, Division 1, Group A B C D

Class II, Division 1, Group E F G

Type 4X

Ordering Information



| Metric Thread | | NPT Thread | | Cable outer diameter(mm) | Thread length(mm) | Protrusion length(mm) | Across flats(mm) |
|---------------|--------|------------|--------|--------------------------|-------------------|-----------------------|------------------|
| Size | Cat.# | Size | Cat.# | – | GL | H | A |
| M16x1.5 | SGN01M | NPT3/8” | SGN01N | 6–12 | 15 | 48 | 26 |
| M20x1.5 | SGN02M | – | – | 10–15 | 15 | 54.5 | 30 |
| – | – | NPT1/2” | SGN02N | 10–15 | 20 | 54.5 | 30 |
| M25x1.5 | SGN03M | – | – | 14–18 | 15 | 54.5 | 34 |
| – | – | NPT3/4” | SGN03N | 14–18 | 21 | 54.5 | 34 |
| M32x1.5 | SGN04M | – | – | 22–27 | 15 | 58 | 50 |
| – | – | NPT1” | SGN04N | 22–27 | 26 | 58 | 50 |
| M40x1.5 | SGN05M | – | – | 26–33 | 15 | 58 | 55 |
| – | – | NPT1 1/4” | SGN05N | 26–33 | 26 | 58 | 55 |
| M50x1.5 | SGN06M | – | – | 32–41 | 15 | 67 | 65 |
| – | – | NPT1 1/2” | SGN06N | 32–41 | 27 | 67 | 65 |
| M63x1.5 | SGN07M | – | – | 48–57 | 20 | 68 | 80 |
| – | – | NPT 2” | SGN07N | 40–49 | 27 | 67 | 75 |

Catalogue Numbering System

SGN

01

Thread Code

M16x1.5 – M63x1.5

NPT3/8 ” – NPT2”

M

Thread Type

M: Metric thread

N: NPT thread

KO

Kit Accessories

K0: no accessories

K1: Locknut & Seal washer

K2: Locknut & Seal washer & Earth lug

K3: Locknut & Seal washer & Earth lug & Serrated washer

K4: Locknut & Seal washer & Earth lug & Serrated washer & Sheath