

FLWN Cable Gland

Flameproof Cable Gland for Steel Wired Armoured Cable

Applications

Indoor and Outdoor use in hazardous areas

Standards

IEC 60079 - 0:2004
IEC 60079 - 1:2007
IEC 61241 - 0:2004
IEC 61241 - 1:2004

Function

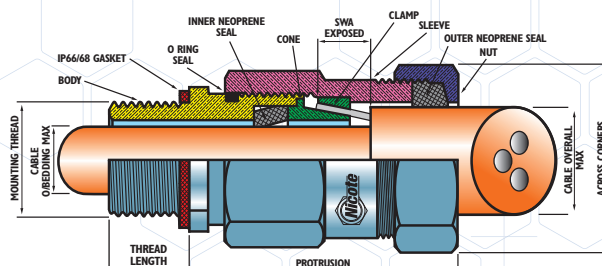
Provides O/Bledding Flameproof Seal, Armour
Clamp and Seal on Outer Sheath

Protection Class

ANZEx 11.2001x
IECEX SIM 11.0002X
Ex d IIC
Ingress of water
IP66/68 (30m)

Construction

Nickel Plated Brass Components



Part Number	Mounting Thread		Cable Acceptance Details					Cable Gland		SWA Exposed (mm)	Inner Carton Pack Quantity
	Size (mm)	Length (mm)	Overbedding		Overall Diameter		SWA Dia. (mm)	Across Corners (mm)	Protrusion (mm)		
			Min (mm)	Max (mm)	Min (mm)	Max (mm)					
FLWN202	M20 x 1.5	15.80	6.00	8.00	11.00	13.00	0.50 - 0.90	25	54	12	30
FLWN203	M20 x 1.5	15.80	8.30	9.75	12.50	15.50	0.90 - 1.25	27	54	12	30
FLWN204	M20 x 1.5	15.80	9.35	11.00	15.10	17.00	0.90 - 1.25	27	54	12	30
FLWN205	M20 x 1.5	15.80	10.60	12.50	16.60	20.00	0.90 - 1.25	33	54	12	20
FLWN206	M20 x 1.5	15.80	12.00	13.75	17.00	20.00	0.90 - 1.25	33	54	12	20
FLWN253	M25 x 1.5	19.00	13.35	15.00	19.60	22.50	0.90 - 1.25	36	56	12	14
FLWN254	M25 x 1.5	19.00	14.60	16.25	19.60	22.50	0.90 - 1.25	36	56	12	14
FLWN255	M25 x 1.5	19.00	15.85	17.50	22.10	26.00	1.25 - 1.60	41	56	12	12
FLWN256	M25 x 1.5	19.00	17.10	18.75	23.00	26.00	1.25 - 1.60	41	56	12	12
FLWN323	M32 x 1.5	25.40	18.35	20.75	25.60	30.00	1.25 - 1.60	50	64	13	8
FLWN324	M32 x 1.5	25.40	20.35	22.75	25.60	30.00	1.25 - 1.60	50	64	13	8
FLWN325	M32 x 1.5	25.40	22.35	24.75	29.60	34.00	1.60 - 2.00	50	64	13	8
FLWN326	M32 x 1.5	25.40	24.35	26.50	30.00	34.00	1.60 - 2.00	50	64	13	8
FLWN403	M40 x 1.5	25.40	26.10	28.50	33.60	37.00	1.60 - 2.00	61	72	15	1
FLWN404	M40 x 1.5	25.40	28.10	30.75	36.60	39.50	1.60 - 2.00	61	72	15	1
FLWN405	M40 x 1.5	25.40	30.35	32.75	37.00	41.50	1.60 - 2.00	61	72	15	1

Product specifications may change at any time without notice.

Fitting Instructions

- To comply with IP66/68 approvals, the fibre gasket must be installed on the mounting thread.
- Screw the gland body into the apparatus.
- Leave the inner seal in the gland body.
- Pass the gland nut, outer seal and gland sleeve over the cable before commencing to strip the outer sheath of the cable.
- Measure the length of tails required and add about 75 mm to the outer sheath and armour to this point.
- Strip the outer sheath.
- Cut the armour wire to SWA exposed length.
- Pass the armour clamp over the armour.
- Pass the armour cone over the bedding and under the armour wires.
- Pass the bedding through the inner seal in the gland body. N.B. Unless this seal provides a push fit on the bedding the next size gland will be required. (The minimum dimension over the bedding is embossed on the sleeve of the gland for reference.) On glands over FLWN405 one or two seals are supplied with each gland, select the most suitable seal.
- Engage sleeve thread onto body thread and tighten securely.
- Slide outer seal and gland nut into position and engage nut thread onto sleeve thread.
- Tighten gland nut securely.