

# Single Compression Nylon Gland for Unarmoured Cable

Ex eb : Ex tb : IP68

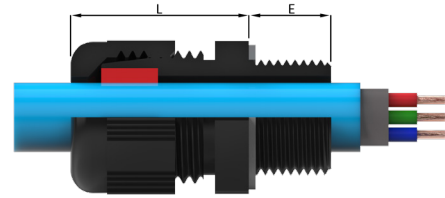


PRODUCT TYPE PF



## PRODUCT DESCRIPTION

"PF" type glands, certified Increased Safety Ex eb are suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Group IIC. They are manufactured from polyamide and provide a controlled pull resistant displacement seal on the cable outer sheath providing both Ex eb & IP protection. The gland has been tested to IP66 & IP68 to 50 metres and is fully compliant with the Increased Safety standard with no reduced impact restriction. Available in black or blue, in a range of thread forms complete with an IP flat washer on metric entry threads.



## COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-7, EN 60079-31  
IEC 60079-0, IEC 60079-7, IEC 60079-31 & IEC 60529

CERTIFICATION:

<b>ATEX</b>	II 2GD Ex eb IIC / Ex tb IIIC
<b>IECEX</b>	Ex eb IIC / Ex tb Db
<b>CEC - Canada</b>	CAN/CSA C22.2
<b>NEC - USA</b>	ANSI/UL514B
<b>EAC</b>	2Ex e II Gc X / Ex tb IIIC Db X
<b>INMETRO</b>	Ex eb IIC Gb / Ex tb IIIC Db
<b>VDE</b>	DIN EN 62444 (VDE 0619)
<b>LLOYD'S</b>	Ex eb IIC / Ex tb IIIC
<b>DNV</b>	Ex eb IIC / Ex tb Db

CERTIFICATION No:

<b>ATEX</b>	LCIE 07ATEX6082X
<b>IECEX</b>	LCI 10.0008X
<b>CEC - Canada</b>	E184471
<b>NEC - USA</b>	E184471
<b>EAC</b>	RU C-FR.BH02.B.00558/20
<b>INMETRO</b>	BVC11.0661-X
<b>VDE</b>	40046804
<b>LLOYD'S</b>	LR2124442TA
<b>DNV</b>	TAE00004VE

<b>IP RATING:</b>	IP66 & IP68 (50 metres - 30 minutes)
<b>OPERATING TEMP:</b>	M16-M63 -35°C to +95°C
	M12 -20°C to +80°C
<b>MATERIALS:</b>	Polyamide
<b>IMPACT RESISTANCE:</b>	7Nm
<b>OPTIONS:</b>	Colour - Black / Blue
	Industrial Non-Ex version - Omit "E" from part number
<b>ACCESSORIES:</b>	Nylon Locknut / IP Washers

CABLE GLAND SELECTION TABLE  
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size	Nominal Protrusion [L]	Cable Sealing Range		ISO Thread Length Standard [E]	Part Number Standard Thread		ISO Thread Length Standard [E]	Part Number Long Thread		Dimensions/Weight		
			Min	Max		Blue	Black		Blue	Black	Across Flats	Across Corners	Weight (Kgs)
12	M12 x 1.5	23.0	4.0	6.5	8.0	PF7421200E	PF8021200E	15.0	PF7431200E	PF8031200E	15.0	16.5	0.003
16	M16 x 1.5	28.0	5.0	8.0	10.0	PF7421650E	PF8021650E	15.0	PF7431650E	PF8031650E	19.0	22.0	0.009
16	M16 x 1.5	28.0	5.0	10.0	10.0	PF7421600E	PF8021600E	15.0	PF7431600E	PF8031600E	22.0	24.5	0.009
20	M20 x 1.5	28.0	7.0	12.0	10.0	PF7422050E	PF8022050E	15.0	PF7432050E	PF8032050E	24.0	28.0	0.010
20	M20 x 1.5	28.0	10.0	14.0	10.0	PF7422000E	PF8022000E	15.0	PF7432000E	PF8032000E	27.0	30.3	0.010
25	M25 x 1.5	36.0	10.0	14.0	10.0	PF7422550E	PF8022550E	15.0	PF7432550E	PF8032550E	33.0	37.0	0.021
25	M25 x 1.5	36.0	12.0	18.0	10.0	PF7422500E	PF8022500E	15.0	PF7432500E	PF8032500E	33.0	37.0	0.021
32	M32 x 1.5	42.0	16.0	25.0	10.0	PF7423200E	PF8023200E	15.0	PF7433200E	PF8033200E	42.0	47.0	0.038
40	M40 x 1.5	52.5	22.0	32.0	10.0	PF7424000E	PF8024000E	16.0	PF7434000E	PF8034000E	53.0	59.8	0.078
50	M50 x 1.5	54.5	28.0	38.5	12.0	PF7425000E	PF8025000E	16.0	PF7435000E	PF8035000E	60.0	67.6	0.088
63	M63 x 1.5	55.5	40.0	48.0	12.0	PF7426300E	PF8026300E	16.0	PF7436300E	PF8036300E	70.0	78.3	0.128

CABLE GLAND SELECTION TABLE  
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size	Nominal Protrusion Length [L]	Cable Sealing Range		Thread Length	Part Number		Dimensions/Weight		
			Min	Max		Blue	Black	Across Flats	Across Corners	Weight (Kgs)
16	3/8" NPT	27.0	5.0	8.0	11	PF7440800E	PF8040800E	19.0	22.0	0.008
20	1/2" NPT	27.0	7.0	12.0	14	PF7441200E	PF8041200E	24.0	26.8	0.010
25	3/4" NPT	35.0	12.0	18.0	15	PF7442000E	PF8042000E	33.0	37.0	0.021
32	1" NPT	41.0	16.0	25.0	18	PF7442800E	PF8042800E	42.0	47.0	0.038

NOTES

- Assembly instructions must be read prior to installation and adhered to in full.
- If used in a threaded entry, NPT versions may protrude more than "L" length due to engagement of threads.
- Industrial Non-Ex versions are not supplied with IP thread sealing washer.
- Industrial Non-Ex versions are available in Black or Grey.