

## TL-EX-CGX Series Explosion-proof Cable Glands

### 1 Application and Features

- Explosion protection  
ATEX
- Application in hazardous areas  
Zone 1 & 2  
Zone 21 & 22
- Explosion protection types  
II 2G Ex db IIC Gb  
II 2D Ex tb IIIC Db
- Designed for safe cable entry into explosion-proof enclosures and equipment.\* Provides sealing, strain relief and mechanical cable retention.
- Suitable for hazardous gas and dust environments.
- Available for a wide range of cable diameters and thread sizes.
- Compatible with NPT, Gas and Metric thread systems.
- Ensures protection against dust and water ingress.
- Manufactured from corrosion-resistant materials for industrial installations.
- Designed for reliable installation in oil & gas, chemical and heavy industrial applications.



Cable Gland Thread Type			TL-EX-CG1		
			Cable Diameter (Ø mm)	Thread Size (mm)	Size (mm)
NPT	Gas	Metric			
NPT	G 1/2"	M20 x 1,5	6-15	15	53
NPT	G 3/4"	M25 x 1,5	6-15	15	53
NPT	G 1"	M32 x 1,5	8-18	15	57
NPT	G 1 1/2"	M40 x 1,5	12-23	15	60
NPT	G 1 1/4"	M50 x 1,5	15-30	18	60
NPT	G 2"	M63 x 1,5	20-37	18	78
NPT	G 2 1/2"	M75 x 1,5	24-46	18	82
NPT	G 3"	M88 x 1,5	50-75	20	70
NPT	G 4"	M100 x 1,5	40-90	20	78

### 2 Technical parameters

Cable Gland Thread Type	TL-EX-CG2		
	Cable Diameter (Ø mm)	Thread Size (mm)	Size (mm)
Metric			
M20 x 1,5	6-15	15	53
M25 x 1,5	6-15	15	53
M32 x 1,5	8-18	15	57
M40 x 1,5	12-23	15	60
M50 x 1,5	15-30	18	60
M63 x 1,5	20-37	18	78
M75 x 1,5	24-46	18	82
M88 x 1,5	50-75	20	70
M100 x 1,5	40-90	20	78

Cable Gland Thread Type			TL-EX-CG3		
			Cable Diameter (Ø mm)	Thread Size (mm)	Size (mm)
NPT	Gas	Metric			
NPT	G 1/2"	M20 x 1,5	7-15	15	68
NPT	G 3/4"	M25 x 1,5	11-20	15	68
NPT	G 1"	M32 x 1,5	14-25	17	73
NPT	G 1 1/2"	M40 x 1,5	19-33	19	80
NPT	G 1 1/4"	M50 x 1,5	24-41	19	85
NPT	G 2"	M63 x 1,5	30-50	20	93
NPT	G 2 1/2"	M75 x 1,5	38-64	21	100
NPT	G 3"	M88 x 1,5	47-54	24	103
NPT	G 4"	M100 x 1,5	62-103	26	112

## TL-EX-CGX Series Explosion-proof Cable Glands

Cable Gland Thread Type		TL-EX-CG4		
		Cable Diameter (Ø mm)	Thread Size (mm)	Size (mm)
Gas	Metric			
G 3/8	M16 x 1,5	7-15	15	53
G 1/2"	M20 x 1,5	7-15	15	53
G 3/4"	M25 x 1,5	11-20	15	57
G 1"	M32 x 1,5	14-25	17	60
G 1 ½ "	M40 x 1,5	19-33	17	60
G 1 ¼ "	M50 x 1,5	24-41	17	78
G 2"	M63 x 1,5	30-50	17	82
G 2 ½ "	M75 x 1,5	38-64	18	96
G 3"	M88 x 1,5	47-54	18	109
G 4"	M100 x 1,5	62-103	18	109



### 3 Selection Table

Cable Gland Thread Type			TL-EX-CG5		
			Cable Diameter (Ø mm)	Thread Size (mm)	Size (mm)
NPT	Gas	Metric			
NPT	G 1/2"	M20 x 1,5	6-15	15	53
NPT	G 3/4"	M25 x 1,5	8-18	15	57
NPT	G 1"	M32 x 1,5	12-23	15	60
NPT	G 1 ¼ "	M40 x 1,5	15-30	18	60
NPT	G 1 ½ "	M50 x 1,5	20-37	18	78
NPT	G 2"	M63 x 1,5	24-46	18	82

