

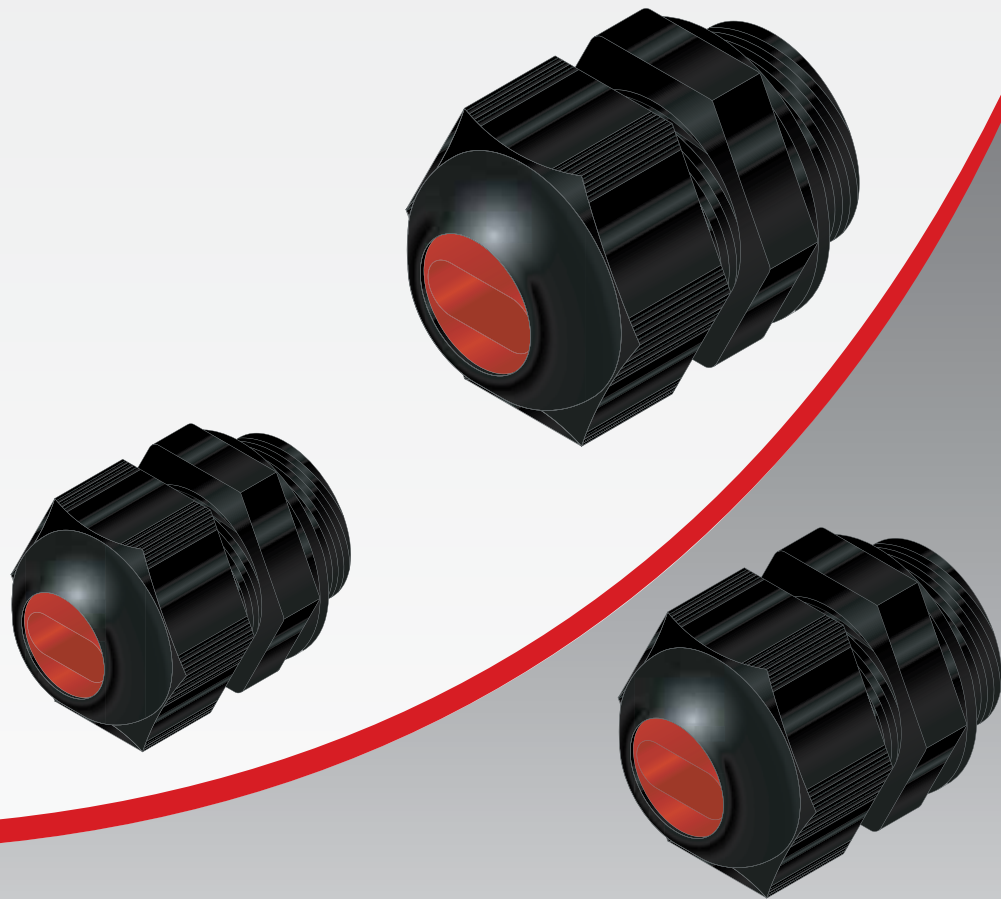
# PGS CABLE GLANDS

Cable glands for Heat Trace heating cables

- Up to +80°C Ambient Temperature Range.
- IP66/68 rating.
- Suitable for use in safe and hazardous areas.
- Specifically designed for use with Heat Trace Ltd's range of heating cables.

## DESCRIPTION

A range of hazardous area cable glands with flat cable seals type PGS1, PGS3 and PGS5, used for the entry of flat profile heating cables into cabinets boxes, or other enclosures, which are fabricated in the type of protection Increased Safety "e".



## SPECIFICATION

### MINIMUM OPERATING TEMPERATURE

-65°C\* ( -85°F )



Ref	Dimensions	ATEX Cert	IECEX Cert	EAC Cert*
PGS1	M20(S) x 1.5	IMQ 13 ATEX024X	IECEX IMQ 13.0007X	TC RU C-GB.M1062.B.06045

**Heating Cable Range**  
FSM-Cx; MTFJ-Cx; PHT-N

**Ambient Temperature Range:** -40°C to +80°C ( -40°F to 176°F )



Ref	Dimensions	ATEX Cert	IECEX Cert	EAC Cert*
PGS3	M20 x 1.5	IMQ 13 ATEX024X	IECEX IMQ 13.0007X	TC RU C-GB.M1062.B.06045

**Heating Cable Range**  
FSR-Cx; FSE-Cx; FLVw-Cx; FSS-Cx; FSU-Nx;  
PHT-NF; AHT

**Ambient Temperature Range:** -40°C to +80°C ( -40°F to 176°F )



Ref	Dimensions	ATEX Cert	IECEX Cert	EAC Cert*
PGS5	M25 x 1.5	IMQ 13 ATEX024X	IECEX IMQ 13.0007X	TC RU C-GB.M1062.B.06045

**Heating Cable Range**  
FSEw-Cx; FSUw-N

**Ambient Temperature Range:** -60°C to +80°C ( -85°F to 176°F )

### SPECIAL CONDITIONS FOR SAFE USE

1. The constant power flat-profile heating cables type MTFJ; PHT and AHT are only to be fitted with marked cold section at the beginning of the heating cable with the affiliated cable glands (observe heat conduction).
2. The self-regulating flat profile heating cables type FSS and FSU with the affiliated above mentioned cable glands are only for use in working temperatures up to +80°C.
3. The cable glands type PGS1, PGS3 and PGS5 may be used only for fixed installations of Group II and the user shall ensure adequate securing of the heating cables.
4. The data requirements for the various types are to be met during the installation. The tightening torques should be as shown on the IECEX IMQ 13.0007X examination certificate.
5. A degree of protection - to at least IP66/68 in accordance with EN 60079-0 : 2009 - will be ensured by fitting together the flat heating cables with the affiliated cable gland, according to the instruction manual and the correctly mounted junction box.
6. Only original accessory parts for the cable gland types are to be used for compression nuts and flat cable seals. Substitution of non-original components is not permissible.
7. The cable glands are only suitable for fixed installations. Cables shall be effectively clamped to prevent pulling or twisting.
8. The cable glands with the relevant cables and the plugs shall be used where a protection against risk of mechanical damage is provided.



Heat Trace Ltd, Mere's Edge, Chester Road, Helsby, Frodsham, Cheshire, WA6 0DJ, England.

Tel: +44 (0)1928 726451

www.heat-trace.com

Email: info@heat-trace.com

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