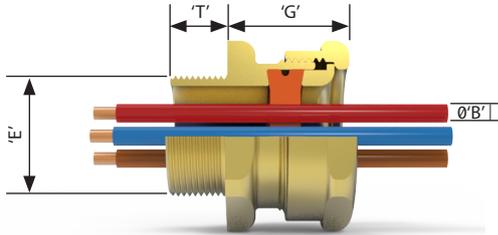




PSG/421

Flameproof, Increased Safety, Dust Protection and Restricted Breathing
Certified ATEX / IECEx / UKEX



- Allows the termination of multiple unarmoured cables into one singular cable entry
- The required number of holes for the cores are punched in the seal by a special tool to suit the core size

The PSG/421 dual certified Exe/Exd gland offers an instant barrier seal around individual cables, with each silicone seal accepting a wide variance of cable diameters. This results in unparalleled speed of installation, inspection and flexibility, with no need for compounds or resin to achieve the Exd barrier seal, no curing time and instant gland completion. Each gland allows for multiple cables to be fitted into a single entry.

Cable Gland Selection Table

Size Ref.	Entry Thread Size 'E'		Fully Compressed Length 'G'	Hexagon Dimensions	
	Metric	NPT* Standard or Option		Across Flats	Across Corners
O	M20	¾" or ½"	23.8	24.0	26.5
A	M20	¾" or ½"	24.8	30.0	32.5
B	M25	1" or ¾"	25.8	36.0	39.5
C	M32	1¼" or 1"	28.2	46.0	50.5

* Metric entry threads are 1.5mm pitch as standard, 15mm length of thread. All dimensions in millimetres (except * where dimensions are in inches)

Technical Data

Ingress Protection	IP66, IP67 and IP68 (30 metres for 7 days, special conditions may apply) to IEC/EN 60529 and NEMA 4X
Deluge Protection	to DTS01
Operating Temperature	-60°C to +80°C
Applications	Suitable for use in Zone 1, Zone 21, Zone 2 and Zone 22

Approvals

ATEX/IECEx Protection Class	Ex II 2GD Ex db IIC Gb; Ex eb IIC Gb; Ex nR IIC Gc; Ex tb IIIC Db
ATEX Certificate No	CML 19ATEX1167X CML 19ATEX4507X (Ex nR)
IECEx Certificate No	CML 19.0045X CML 21.0012X (Ex nR)
UKEX Certificate No	CML 21UKEX1161X CML 21UKEX4133X (Ex nR)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7, IEC/EN 60079-15 and IEC/EN 60079-31
Additional Certifications	EAC: No EA3C RU C-GB.HA91.B.00264/21 EQM: 20-11-27224/Q20-11-000979/NB0007 Inmetro: IEx 14.0272X PESO: P450038 CNEC: CNEC17 2858X

Cable Gland Size for Core Size and Number

Max No. of Cores	Cores Cross Sectional Area mm ²				
	1.5	2.5	4	6	10
7	A & B	A & B	B & C	C	C
4	O	-	-	B	-
3	-	O	-	-	B

Punch Tool Size Details

Punch Ref	No. 1	No. 2	No. 3
Cores C.S.A.mm2	1.5-2.5	4.0-6.0	10

Ordering Information

Format for ordering is as follows:

To obtain punch tool required, refer to tables

Cable Gland Type	Size	Thread	Material	Punch Tool Required
PSG/421	C	M32	Brass	Punch Tool No. 1
PSG/421	C	1¼" NPT	Brass	Punch Tool No. 1

Order Example: PSG/421 C M32 Brass Punch Tool No. 1