

CE  $\langle E_X \rangle$ 

<u>Ĵå</u>

Ø'A'



15 mm

'G' Approx

Two Independent Elastomeric Exd flameproof seals (1)on cable inner sheath - The double seals provide superior cable retention over standard unarmoured Cable Glands

2 Rounded Cable entry to prevent cable damage

The 501/423 dual certified Exe/Exd cable gland incorporates two independent seals and is intended for use on non-armoured elastomer and plastic insulated cables. This cable gland may be used with braided cables where the braid and outer sheath pass into the enclosure. For Exd application the cable must be suitable inline with 60079-14. The braid must then be suitably terminated inside the enclosure. The two seals provide superior cable retention over standard unarmoured cable glands.

Ø'B'

See technical	section for	or installa	ntion ru	les and	regulations

Cable Gland Selection Table								
Entry Thread Size 'A' Cable Acceptance Details Hexagon Dimension						Dimensions		
		Outer Sheath 'B'						
Size Ref. Metric	NPT* Standard	Standard Seal		Alterntative Seal (S)		'G'		
		Min.	Max.	Min.	Max.		Across Flats	ts Across Corners
M20 <sup>2</sup>	1⁄2″	3.2	8.0	-	-	40.0	24.0	26.5
M20 <sup>2</sup>	1/2″	6.5	11.9	-	-	40.0	24.0	26.5
M20	<sup>3</sup> ⁄4″ or <sup>1</sup> ⁄2″	10.0	14.3	9.0	13.4	40.4	30.0	32.5
M25	1" or ¾"	13.0	20.2	9.5	15.4	44.3	36.0	39.5
M32	1¼" or 1"	19.5	26.5	15.5	21.2	47.2	46.0	50.5
M40	11/2" or 11/4"	25.0	32.5	22.0	28.0	49.5	55.0	60.6
M50	2" or 11/2"	31.5	44.4 / 42.3 <sup>1</sup>	27.5	34.8	72.5	65.0	70.8
M63	21/2" or 2"	42.5	56.3 / 54.3 <sup>1</sup>	39.0	46.5	64.8	80.0	88.0
M75	3" or 21/2"	54.5	68.2 / 65.3 <sup>1</sup>	49.5	58.3	68.0	95.0	104.0
M80	31⁄2″	67.0	73.0	-	-	68.0	106.4	115.0
M90	31⁄2″	67.0	77.6	-	-	68.0	115.0	130.0
M100	4″	75.0	91.6	-	-	68.0	127.0	142.0
	Metric M20 <sup>2</sup> M20 M25 M32 M40 M50 M63 M75 M80 M90	Metric         NPT* Standard           M20 <sup>2</sup> ½"           M20 <sup>2</sup> ½"           M20         ¾" or ½"           M25         1" or ¾"           M32         1¼" or 1"           M40         1½" or 1¼"           M50         2" or 1½"           M63         2½" or 2"           M75         3" or 2½"           M80         3½"	Metric         NPT* Standard         Star           M202         ½"         3.2           M202         ½"         6.5           M20         ½"         10.0           M25         1" or ¾"         13.0           M32         1¼" or 1"         19.5           M40         1½" or 1¼"         25.0           M50         2" or 1½"         31.5           M63         2½" or 2"         42.5           M75         3" or 2½"         54.5           M80         3½"         67.0	Cable           Cable           Metric         Cable           NPT* Standard         Cable           Metric         Standard         Standard           Min.         Max.           M20 <sup>2</sup> ½"         3.2         8.0           M20 <sup>2</sup> ½"         6.5         11.9           M20         ¾" or ½"         10.0         14.3           M25         1" or ¾"         13.0         20.2           M32         1¼" or 1"         19.5         2.5           M40         1½" or 1¼"         25.0         32.5           M50         2½" or 2"         42.5         56.3 / 54.3 <sup>1</sup> M63         2½" or 2"         42.5         56.3 / 54.3 <sup>1</sup> M80         3½"         67.0         7.6	Cable Acceptance Details           Cable Acceptance Details           NPT* Standard         Cuter Sheath 'B'           Metric         Standard           Max.         Min.           M20 <sup>2</sup> $½''$ 3.2         8.0         -           M20 <sup>2</sup> $½''$ 6.5         11.9         -           M20 $34''$ or $12''$ 10.0         14.3         9.0           M25         1" or $34''$ 13.0         20.2           M32         1 $34''$ or $114''$ 25.0         32.5         22.0           M50         2'/ <sub>2</sub> " or $2''$ 31.5         44.4 / 42.3'         27.5         M63         2/ <sub>2</sub> " or $2''$ M50         3'' or $25''$ 56.3 / 54.3'         39.0         M20           M80         3/ <sub>2</sub> "         67.0         73.0         -	Cable Acceptance Details           Cable Acceptance Details           NPT* Standard         Cuter Sheath 'B'           Metric         Standard         Alterntative Seal (S)           M20 <sup>2</sup> ½"         S.         8.0         -           M20 <sup>2</sup> ½"         S.         8.0         -           M20 <sup>2</sup> ½"         S.         Max.         Max.           M20 <sup>2</sup> ½"         S.         S.           M20         ¾"Or ½"         10.0         14.3         9.0         13.4           M32         ¼"Or 1%"         13.0         20.2         15.5         21.2           M40         ½"Or 1½"         31.5         44.4 / 42.3 <sup>1</sup> 27.5         34.8           M50         ½"Or 2"	Cable Acceptance Details         for any product of the set of t	$ \begin{array}{ c c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

Os to F size meric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering. All dimensions in millimetres (except \* where dimensions are in inches).

1 Smaller value is applicable when selecting reduced NPT entry option. 2 Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable outer sheath diameter is 10.9mm

## **Technical Data**

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AI	EX/I	EC	EX

Type of Protection	Flameproof Exd IIC Gb, Increased Safety Exe IIC Gb and Dust Extb IIIC Db Ex 2 GD			
ATEX Classification	CML 19ATEX1167X CML 19.0045X			
Area Classification	Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22			
<b>Construction &amp; Test Standards</b>	IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7 and IEC/EN 60079-31			
Ingress Protection	IP66, IP67 and IP68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X			
Deluge Protection	Deluge Protection to DTS01			
Operating Temperature	-60°C to +100°C			
c CSA us				
Type of Protection	Flameproof AExd IIC Gb, Increased Safety AExe IIC Gb and Dust AExtD Zone 21			
c CSA us Classification	Certificate No's: CSA1015065			
Area Classification				
Construction & Test Standards	UL 60079-0, UL 60079-1, UL 60079-7, ISA 60079-31, CSA 22.2 No: 60079-0, CSA 22.2 No: 60079-1, CSA 22.2 No: 60079-7, CSA 22.2 No: 60079-31, UL 2225			

## **Ordering Information** Format for ordering is as follows: Alternative Seal (S), add suffix S to ordering information Cable Gland Type Size Thread (Optional) Material 501/423 M32 С Brass S С 11⁄4" NPT 501/423 Brass S

Order Example: 501/423 C M32 Brass S



For all sales and product enquiries please contact Hawke Sales T: +44 (0) 161 830 6698 E: sales@ehawke.com