

4 Function Ex d/e Glands

ORION



Technical Details			
Material	Body, Cap	Brass, Brass Nickel Plated, Stainless Steel, Galvanised Steel	
	Inner Part	Brass, Brass Nickel Plated, Stainless Steel, Galvanised Steel	
	Seal	CR (Chloroprene Rubber), Silicone	
Protection Class	IP 68 - 5 Bar, 30 min IP 66		
Operating Temperature	Seal Material	CR (Chloroprene Rubber) Silicone	
		-40°C / +100°C -60°C / +130°C	
	LT Version	-40°C / +80°C -60°C / +80°C	
Equipment For	Gas & Dust potentially explosive atmospheres		
Suitable for use in	Group II	Gas Group IIC	ZONE1/ZONE2
	Group III	Dust Group IIIC	ZONE21/ZONE 22
Equipment Marking	Ex II 2GD Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db		
Marking Example	BMD KBA.. Ex CE 0722 II 2GD Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db Ta:-40°C +100°C IP66/68 IECEx CES 13.0013X / CESI 13 ATEX 033X		
Thread Type	<ul style="list-style-type: none"> • Metric (M) ISO Pitch 1,5 • NPT (N) ANSI ASME B1.20.1 • Other thread types also available upon request. 		
Cable Type	SWA - AWA		
Accessories	<ul style="list-style-type: none"> • Lock nuts • Gaskets • Serrated Washers • Shrouds • Earth tags 		

Approvals		
	Certificate Number	Standards
	CESI 13 ATEX 033X	EN 60079-0:2012 EN 60079-1:2014 EN 60079-7:2007 EN 60079-31:2009
	IECEx CES 13.0013X	IEC 60079-0:2011 Edition:6 IEC 60079-1:2014 Edition:7 IEC 60079-31:2008 Edition:1 IEC 60079-7:2006-07 Edition:4
	20150612-E474828	UL 2225, CAN/CSA-C22.2 No. 60079-0:11 CAN/CSA C22.2 No. 60079-7:12 CAN/CSA-C22.2 No. 60079-31:12
	No TC RU C-TR.1505.B.00840	GOCT IEC 60079-1:2011 GOCT P MЭК 60079-0:2011 GOCT P MЭК 60079-7:2012 GOCT P MЭК 60079-31:2010 GOCT P MЭК 60079-14:2008
	DNV 12.0053 X	ABNT NBR IEC 60079-0:2013, ABNT NBR IEC 60079-1:2009, ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011
	E-14044	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31 IEC/EN60079-1, IEC/EN 62444
	MASC MS/15-0240X	SANS (IEC) 60079-0 : 2011 SANS (IEC) 60079-1 : 2009 SANS (IEC) 60079-7 : 2007 SANS (IEC) 60079-31 : 2009

For more information see our webpage.



Order Encoding											
Part Number	Size	Thread	for Lower Temperature	Material	Seal	Gasket	Serrated Washer	Lock Nut	Shroud	Earth Tag	
KBA	5	N	LT	B	C	-	GC	SW	L	S	E

LT*: For temperature information, please see technical details.