GEM-SOL® | BE32 (GEM-BE)

Explosion Proof Coil

Technical Data

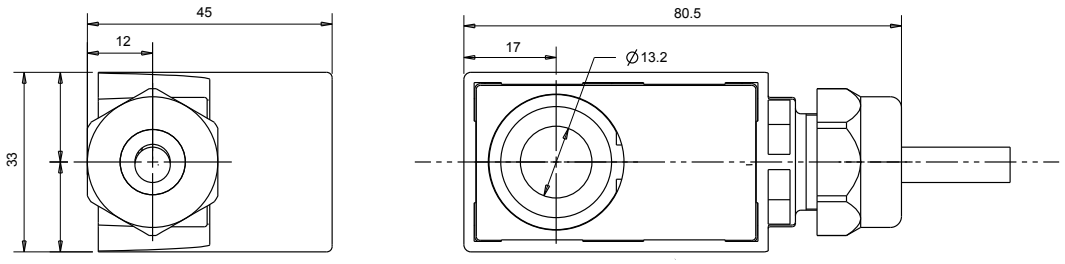
Protection type	**II 2 G Ex mb IIC T6 Gb IP65 :** • **II – Equipment Group:** Suitable for industrial applications in potentially explosive gas atmospheres (ATEX Zones 1 and 2), including surface (above ground) mining installations. Not suitable for underground mines or tunnels requiring ATEX Equipment Group I certification • **2 G – Equipment Category:** Category 2 equipment for explosive gas atmospheres, suitable for Zones 1 and 2. • **Ex mb – Type of Protection:** Encapsulation protection for electrical equipment, suitable for gas Zones 1 and 2. • **IIC – Gas Group:** Suitable for gas groups IIA, IIB and IIC, including hydrogen and acetylene. • **T6 – Temperature Class:** Maximum surface temperature of 85°C under certified operating conditions. • **Gb – Equipment Protection Level:** High level of protection for explosive gas atmospheres. • **IP65 – Ingress Protection:** Dust-tight and protected against water jets.
Coil winding insulation	Class H (180°C)
Standard / Certification	DEMKO 08 ATEX 143928X EN 60079-0 : 2012 + A11 : 2013 EN 60079-18 : 2009 Directive 94/9/EC IECEx UL 14.0051X IEC 60079-0 : 2011 Edition 6.0 IEC 60079-18 : 2009 Edition 3
Coil duty cycle	100%
Electrical connection	PVC cable with 18 AWG (0.75 mm²) conductors
Assembly	In any position, fixing with G1/4" hexagonal nut
Inrush [mA]	400
Holding [mA]	55



• The coil should not be energized without being assembled on the operator

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Dimensions



How to Order

GEM-BE	-	TYPE	-	VOLTAGE		POWER [1]	
		1		12	2	1W	1
				24	3		
				48	4		
				115	5		
				230	7		

Example: **GEM-BE-1-31**

GEM-SOL Explosion proof coil, 24V, both AC & DC current.

GEM-BE	-	1	-	3	1

(1) The power rating is an average value at holding

* To order coils manufactured according to your specific requirements, please contact our technical sales department.

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