

GEM-SOL® | BE32 (GEM-BE)

Explosion Proof Coil

Technical Data

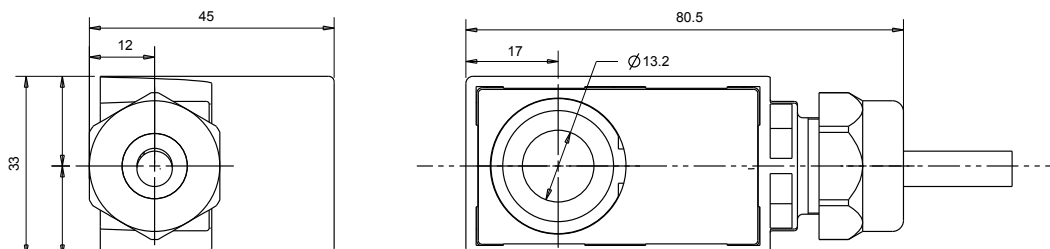
Protection type	Ex II 2 G Ex mb IIC T6 Gb IP65 : II : Equipment group: All hazardous areas <u>except</u> mining. 2 G (zone 1): An area in which an explosive mixture is likely to occur in normal operation. Zone 1 : likely to/can exist under normal operating conditions (include zone 2). mb: Type of protection for electrical apparatus : Encapsulation for use in zones 1 & 2. IIC: Gas groups Acc. IEC, CENELEC and NEC 505. Typical gas : Hydrogen T6: Maximum surface temperature : 85°C Gb: Equipment Protection Level : Gas atmospheres, "high" level of protection. IP65: Ingress Protection level
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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