



Approved Exia Intrinsically Safe Coil Unit



DESCRIPTION

Intrinsically safe coil assembly suitable for Zones 0, 1 and 2, manufactured in accordance with the requirements of the European harmonised standards EN/IEC60079-0 and EN/IEC60079-11.

Covered by Certificates CML17ATEX2046X & IECEx CML17.0030X.

FEATURES

- M20 x 1.5 conduit entry (Cable diameter 6 8mm) or 1/2 NPT Connection by 2-pole 2.5mm Terminal Block
- Protection class IP65 according to EN 60529
- Continuously rated
- Maximum permitted voltage variation ±10%
- Maximum Ambient Temperature +65°C
- Low power consumption
- Operates with a wide range of barriers and galvanic isolators
- Approvals available ATEX, IECEx, GOST CU TR, NEPSI

MATERIAL SPECIFICATIONS

Coil Case **Armature Springs** Seals and Seats **Coil Former**

Magnetic Wire

STANDARD

Zinc Alloy Epoxy Powder Coated Magnetic Stainless Steel

Stainless Steel Nitrile / Viton

45% Glass Filled PBT Class H Coated Copper

SOLENOID SPECIFICATIONS

DC Solenoid Coil

Voltage Standard 24 **Voltage Tolerance** ±10% -20 to +65°C **Ambient Temperature Duty Cycle** 100% **Degree Of Protection** IP65

Electrical Connection Junction Box with M20 Conduit Entry

Power Consumption 0.4W or 0.27W **Pressure Range** 0 - 10 Bar

Resistance 370 Ohms or 2100 Ohms

Inductance (Apparent) Zero Capacitance Zero

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