

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 $\pm 10\%$
- Maximum Ambient Temperature $+65^{\circ}\text{C}$
- 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

Voltage Standard

Voltage Tolerance

Ambient Temperature

Duty Cycle

Degree Of Protection

Electrical Connection

Power Consumption

Pressure Range

Resistance

Inductance (Apparent)

Capacitance

DC Solenoid Coil

24

$\pm 10\%$

-20 to $+65^{\circ}\text{C}$

100%

IP65

Junction Box with M20 Conduit Entry

0.4W or 0.27W

0 – 10 Bar

370 Ohms or 2100 Ohms

Zero

Zero

Official Stockist:

Powerite - Division of Kinetrol Ltd, Steelpark Trading Estate, Steelpark Way, Wolverhampton, WV11 3BF
Tel: 01902 780700 Email: enquiries@powerite.co.uk www.powerite.co.uk