CDR®

Smart Ground Monitor™

2 Core Connection Wire
(CDR Connection)

Indication LEDs

9 10

● OK

● FAULTY

SMART:GROUND MONITOR

1 2   3 4   5 6   7 8

External Ports

Connection Terminals

Cord Grip

4 Core Connection Wire
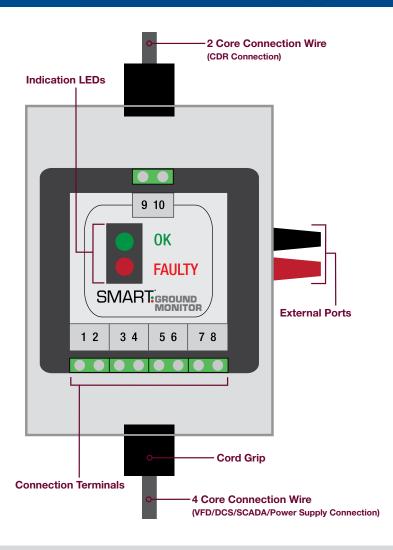(VFD/DCS/SCADA/Power Supply Connection)

SMART:GROUND MONITOR

Smart Ground Monitor Features:

Indication LEDs - simple interface that provides feedback on shaft grounding performance.

External Ports - connects to an Oscilloscope for safe and convenient readings.

Connection Terminals - for integration in to plant control systems

SMART GROUND MONITOR TECHNICAL DATA

The Smart Ground Monitor alerts users in real time if there is not optimal contact between conductive filaments and the shaft.

Power Supply: 24 VDC

Communication Modes: 4-20 mA, 0-10 VDC, digital I/P

Temperature: 0ºC [32ºF] – 85ºC [185ºF]

Ingress Protection Level: IP67

Case Dimensions: 122 x 82 x 55 mm [4.8 x 3.2 x 2.2 in]

Total Case and Contents Weight: 0.29 kg [0.64 lb]

Connection Terminals: Block 1-2: 1: Digital I/P - 2: Digital O/P, Block 3-4: 3: 4-20mA - 4: GND, Block 5-6: 5: 0-10V - 6: GND, Block 7-8: 7: VIN - 8: GND, Block 9-10: 9: Motor GND - 10: Insulated Brush

* Consult Inpro/Seal engineering regarding operating conditions outside the limits shown above.

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DOVER®
PRECISION COMPONENTS