Wiegand LF Pulse Transmitter
Series 80-0001-XXX

Maintenance:
CAUTION: CLEAN ONLY WITH A DAMP CLOTH
There are no serviceable parts. Opening the housing will invalidate certification and warranty.

Features:
- Encapsulated Wiegand coil sensor
- Magnetically activated electronic solid state switch
- Simple two wire direct current connection
- Certified for intrinsically safe circuits
- Meets requirements of UK IGEM GM/7A
- Non-intrusive external fitment to the meter index
- Drill holes for lock wire sealing

Part Number | Pulser - Connection type | Protection | Impulse connection + -
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80-0001-010 | RJ11 socket, 6 way, 4 pin | IP54 | 4 3
80-0001-020 | Binder plug (male), 6 way, DIN | IP67 | 1 4
80-0001-030 | Binder socket (female), 6 way, DIN | IP67 | 1 4
80-0001-040 | Integral 3m cable, LiYCY | IP68 | White Brown
80-0001-050 | Fischer socket (female) 4 pin | IP54/IP68* | 2 3

*IP68 when mated with Fischer Cable assembly

Part Number | Lead - Connection type | For use with | Impulse Connection + -
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W86413-000 | Binder socket & 3m lead assembly | 80-0001-020 | White Brown
W86423-000 | Binder plug & 3m lead assembly | 80-0001-030 | White Brown
W06433-000 | Fischer plug & 3m lead assembly | 80-0001-050 | Yellow Green

Part Number | Lead | Pulser | Impulse Connection + -
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R01123-000 | W86413-000 | 80-0001-020 | White Brown
R01133-000 | W86423-000 | 80-0001-030 | White Brown

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Certification and operation parameters:

Compliance to: Directive 2014/32/EU and associated harmonized European Normatives thereof

EU Type approval certificate: Baseefa17ATEX0043X

ATEX Classification Code: II 1G Ex ia IIC T4 Ga -20°C ≤ Tamb ≤ 60°C

Notified Body marking: 1180

Installation Instruction:
Locate the LF Pulse transmitter in either the left or right hand dedicated port in the Roots® Rotary Displacement B Series Gas Meter index counter. Hold in place by tightening the set screw in the meter index. Connect the appropriate mating cable ensuring correct polarity to the connecting equipment, observing all safety parameters.

Pin identification:
View when looking at the pulser connection.

Regulatory standards for electrical connection with equipment in the hazardous area should be observed at all times. It is the installers responsibility to ensure compliance.