Proximity Switch

Part No DB0860/FT-000977

Technical Data

The Fluid Transfer Proximity Switch Assembly with optional Actuation Magnet consists of a sensitive switching mechanism bonded within a moulded enclosure with an aluminium lid and gasket.

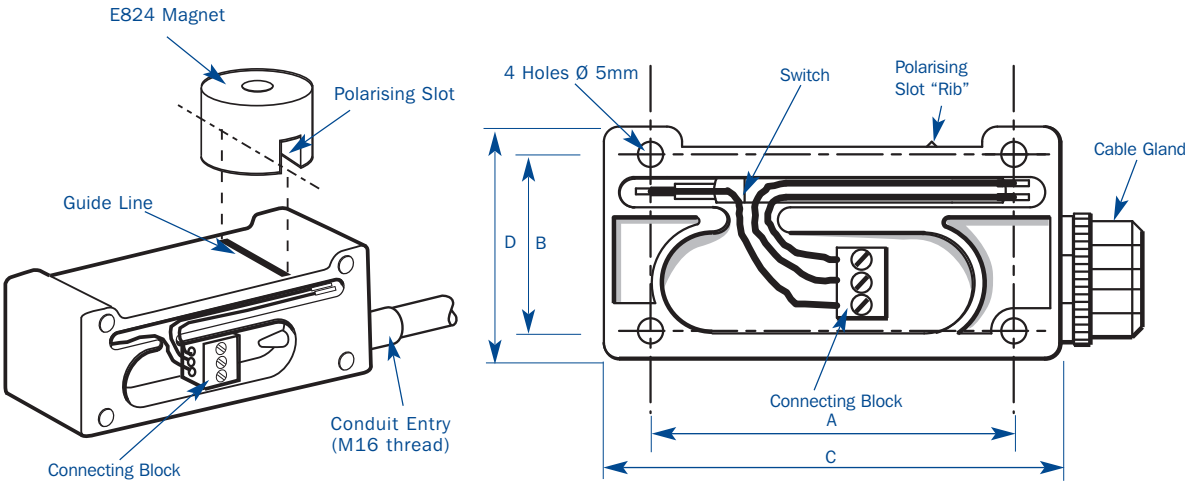
The optional strong permanent magnet activates the internal proximity switch when placed near the enclosure. To ensure the accurate functioning is achieved the polarising slot of the magnet should be located in the same direction and directly above the guideline on the proximity switch housing. The proximity switch must be used in conjunction with cover and gasket to maintain its integrity.

Installation Note

Wiring connections: -

- White wire – Common
- Red wire – normally closed
- Yellow wire – normally open

After connecting the relevant wires, ensure the entry to the conduit connector is plugged with type silicone sealant or suitable equivalent in order to avoid possible water ingress from the conduit system.



Dimensions

The dimensions of the Fluid Transfer Proximity Switch are as follows:

Part No	Item	A	B	C	D	Height E	Weight
DB0860	Proximity Switch	72	35	90.5	45	30	80grams
FT-000977	Magnet	32	25	-	-	-	160grams

All dimensions in (mm)

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Applications

Proximity Switch used for actuation of vehicle brake interlocks.

Features

- Robust moulded mounting case.
- Aluminium lid
- Switching device
- Strong permanent magnet
- Lid and cable entries.

Options

Can be used in conjunction with Current Limiting Relay:
12 Volt (DA1859)
24 Volt (DA1860)

Specification

The Fluid Transfer Proximity Switch Assembly with optional Actuation Magnet consists of a sensitive switching mechanism bonded within a moulded enclosure with an aluminium lid and gasket.

A permanent magnet when introduced in close proximity to the enclosure causes the sensitive switching mechanism to change polarity. The unit is used for actuation of vehicle brake interlocks.