

DEVELOPED FOR AVIATION REFUELLING APPLICATIONS

The DP-Switch has been designed to automatically stop the refuelling process when the maximum permitted differential pressure for filter elements is reached. The FAUDI Aviation DP-Switch is designed for connection to a mechanical differential pressure gauge that measures the pressure difference between the inlet and outlet of a filter vessel in safety-critical applications. The switching pressure is set to 1 bar (15 psi) and designed to stop the refuelling process automatically. It is suitable for competitive exchange and easy to retrofit. The DP-Switch is conform with JIG Bulletins No. 58, 105 & 111.



APPLICATION AREA

- JIG Bulletin No. 58: Hydrant servicer filter monitor vessels / differential pressure switches

TECHNICAL DATA

- Power supply: 24 V DC
- Power consumption: 10 mA
- Signal voltage: 18 - 30 V DC
- Signal current: 10 mA
- Max. Switching capacity: 60 W
- Max. Switching voltage: 100 V DC
- Max. Switching current: 2 A
- Degree of protection:
 - Proximity switch plus cable: IP65
 - Safety relay: IP 22, to be installed inside a suitable control cabinet
- Ex and non-Ex application available:
 - Approval of EX-protected version: EII (1) GD [EEx ia] II
- Operating temperature range: -30°C (-22°F) to + 60°C (140°F)

INSTALLATION

