Differential Pressure Switch

DP-Switch



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:
Power consumption:
Signal voltage:
Signal current:
Max. Switching capacity:
Max. Switching voltage:
Max. Switching current:
Max. Switching current:

• Degree of protection:

- Proximity switch plus cable: IP65

- Safety relay: IP 22, to be installed inside a suitable control cabinet

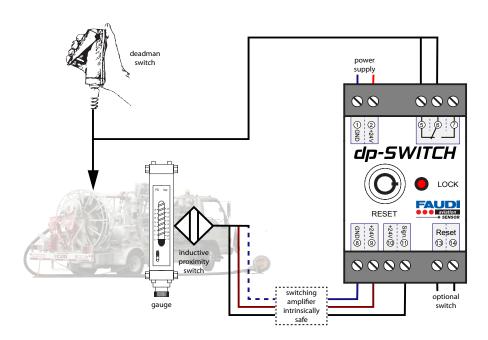
Ex and non-Ex application available:

- Approval of EX-protected version: EII (1) GD [EEx ia] II

• Operating temperature range: -30°C (-22°F) to +60°C (140°F)



Installation



Phone: +49 6428 44652-570 Fax: +49 6428 44652-223 Email: contact@faudi-aviation.com