dp-SWITCH

The dp-SWITCH conversion kit fully complies to JIG 58 bulletin requirements.
It is stated there that all Hydrant Servicers with Filter Monitor vessels should be retrofitted by end of December 31th 2013.

Different versions of dp-switch conversion kits are available:
- Safe Area conversion kit
- Hazardous area approved conversion kit

All kits consists about stainless steel proximity switches to be retrofitted on existing dp gauges, sensor cable to inter connect with related electronic with safety relay and key operated switch to reset the safety relay when activated. There is no additional need.
FAUDI Aviation Sensor GmbH dp-switches adapts to all refueling vehicles anywhere across the globe independent of manufacturers / year of construction or dp gauge manufacturer.
They could easily be retrofitted by your own or by the use of our worldwide service support.
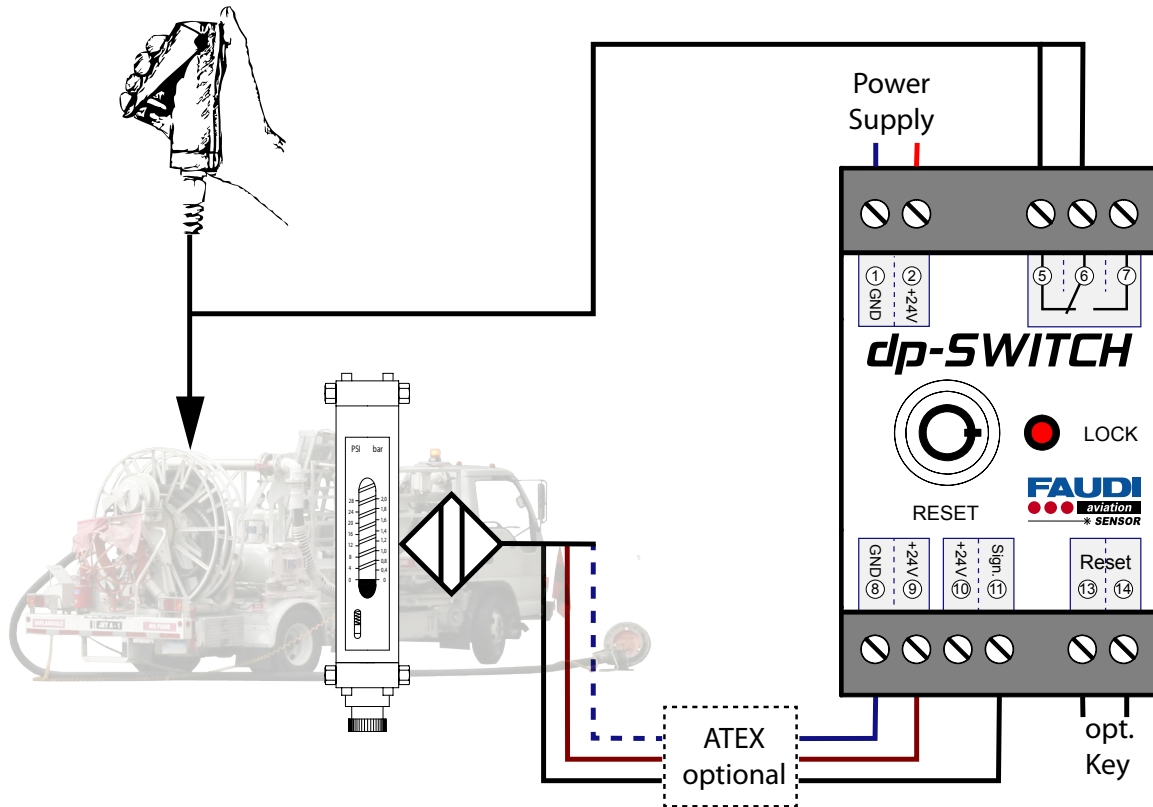
Technical Details

Power Voltage	18 - 30 VDC
Power Consumption	10 mA
Signal Voltage	18 - 30 VDC
Signal Current	10 mA
Max. Switching Power	50 W
Max. Switching Voltage	100 VDC
Max. Switching Current	2 A
Hazardous area approved version	⟨Ex⟩ II (1) GD [EEx ia] IIC
Operating Temperature	-30 to + 60 °C

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Schematic Diagram

Scope of Delivery

dp-SWITCH Safe Area Kit	Article Description	Part No.
	Conversion Kit (consisting of)	160 000
	- Mounting Parts	360 000
	- Proximity Switch	524 000
	- Connection Cable (5 m)	526 000
	- dp-SWITCH Safety Relais (with Reset Key)	600 025

dp-SWITCH ATEX Kit	Article Description	Part No.
	Conversion Kit (consisting of)	160 500
	- Mounting Parts	360 000
	- Proximity Switch (ATEX)	524 100
	- Intrinsically Safe Barrier (with Power Supply)	525 000
	- Connection Cable (5 m)	526 100
	- dp-SWITCH Safety Relais (with Reset Key)	600 025