Swichgage® Shutdown Panels for Irrigation Engines and Pumps – 75160 Series

Features
- Ideal for Irrigation Engines
- Includes Loss of Pump Discharge Pressure and High Coolant Temperature Swichgage Instruments
- Model With Solenoid Fuel Shutoff Valve

The 75160 series:

This Swichgage panel is specifically configured for irrigation engines and includes loss of pump discharge pressure Swichgage instrument. The panel is enclosed on top, bottom, and both ends. Mounting flanges extend on top and bottom. The back of the panel is open. Access holes are in the bottom.

75160: includes low oil pressure, high coolant temperature, low pump pressure Swichgage instruments, Magnetic Switch, and emergency stop button.

75160D: includes SV-series solenoid diesel fuel valve (specify voltage). For diesel engines without shut-down solenoid in the injection pump, add a Murphy SV Series solenoid fuel shut-off valve or RP2300 Series rack pull solenoid.

Panel Kits Include:

- Low Lube Oil Pressure Swichgage instrument
- High Coolant/ Temperature Swichgage instrument
- 518PH Magnetic Switch.
- SV Series Solenoid Fuel Shutoff Valve.
- PB128S Emergency stop push button.

Specifications

Low Lube Oil Pressure Swichgage instrument:
- 0-100 psi (0-689 kPa) [0-6.89 bar]
- 1/8 NPT process connection

Low Pump Pressure Swichgage instrument:
- 0-150 psi (1.03 MPa) [10.34 bar]
- 1/8 NPT process connection

High Coolant Swichgage instrument:
- 130-250°F (54-121°C)
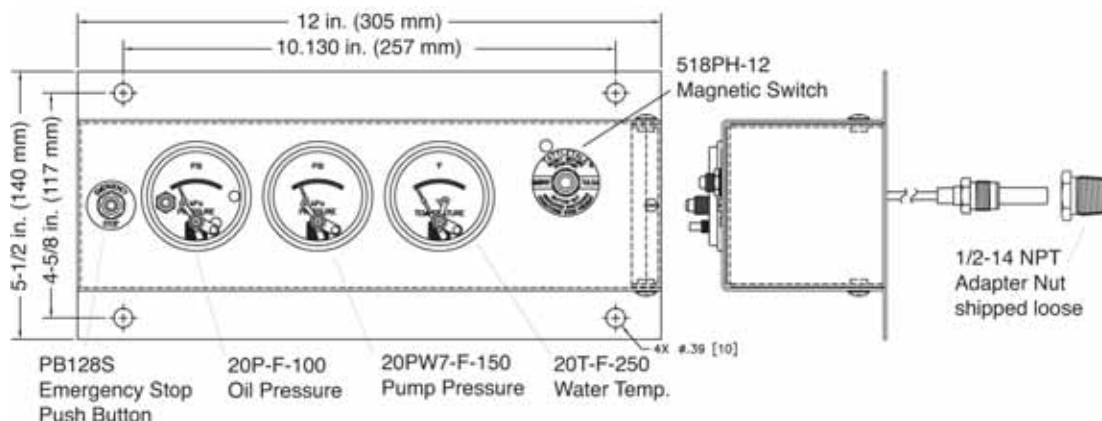- 48 in. (1.2 m) capillary
- 1/2 NPT process connection

518PH Magnetic Switch: 12 or 24 volt (specify)
SV Series Solenoid Fuel Shutoff Valve: 12 or 24 volt (specify)
Shipping Weight: 8 lbs. 8 ozs. (3.9 kgs.)
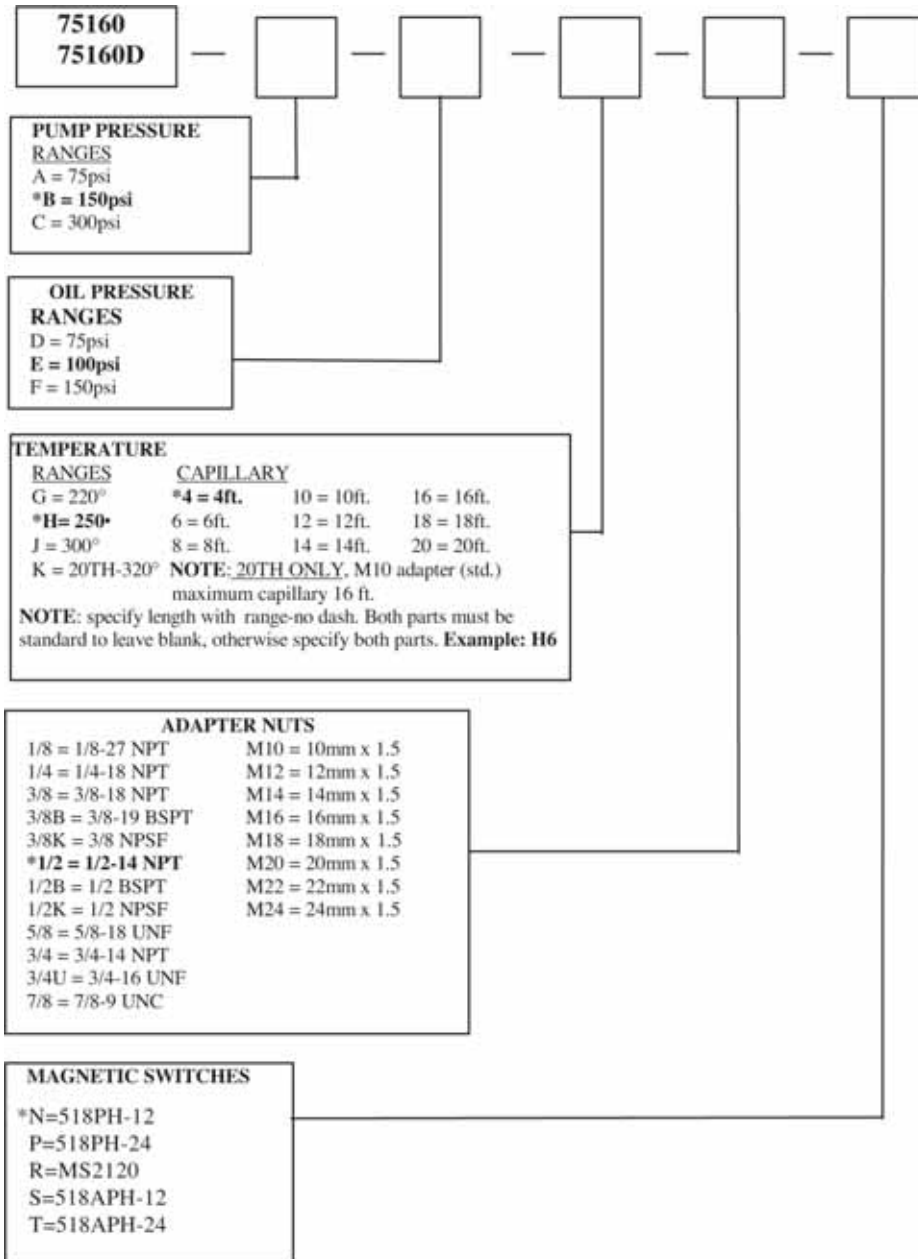**Shipping Dimensions:** 15.5 x 16 x 10.5 in. (394 x 406 x 267 mm).

Dimensions (all Models)

How to Order

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75160
75160D    —  □  —  □  —  □  —  □  —  □
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PUMP PRESSURE
RANGES
A = 75psi
*B = 150psi
C = 300psi

OIL PRESSURE RANGES
D = 75psi
E = 100psi
F = 150psi

TEMPERATURE

RANGES	CAPILLARY		
G = 220°	*4 = 4ft.	10 = 10ft.	16 = 16ft.
*H= 250•	6 = 6ft.	12 = 12ft.	18 = 18ft.
J = 300°	8 = 8ft.	14 = 14ft.	20 = 20ft.
K = 20TH-320°	NOTE: 20TH ONLY, M10 adapter (std.) maximum capillary 16 ft.		

NOTE: specify length with range-no dash. Both parts must be standard to leave blank, otherwise specify both parts. **Example: H6**

ADAPTER NUTS

1/8 = 1/8-27 NPT	M10 = 10mm x 1.5
1/4 = 1/4-18 NPT	M12 = 12mm x 1.5
3/8 = 3/8-18 NPT	M14 = 14mm x 1.5
3/8B = 3/8-19 BSPT	M16 = 16mm x 1.5
3/8K = 3/8 NPSF	M18 = 18mm x 1.5
*1/2 = 1/2-14 NPT	M20 = 20mm x 1.5
1/2B = 1/2 BSPT	M22 = 22mm x 1.5
1/2K = 1/2 NPSF	M24 = 24mm x 1.5
5/8 = 5/8-18 UNF	
3/4 = 3/4-14 NPT	
3/4U = 3/4-16 UNF	
7/8 = 7/8-9 UNC	

MAGNETIC SWITCHES
*N=518PH-12
P=518PH-24
R=MS2120
S=518APH-12
T=518APH-24