

## Switch-Pak™ Single-Point Level Switch Fitting

### Application

The single-point fitting enables users to install and extend a Flowline level switch through the top wall of the tank. Offered in PVC, PP and PVDF materials, the fitting is typically applied in bulk storage tanks, day tanks and waste sumps. Each fitting is built custom to your requirements. Select the appropriate material based upon your application liquid and specify the A-dimension, taking into consideration the installed sensor length.

### Features

Thermal or solvent welded fitting is built to your switch insertion length

Offered in PVDF, PP and PVC material for maximum chemical compatibility

### Tech Tip

For easy field assembly, order the LM45-70\_1-00" PVC plug fitting and sensor adaptor. Solvent weld a 3/4" PVC schedule 40 pipe between the parts to the desired length. Its level installation made simple.



LM45-1001-18"  
Shown

### Specifications

Fitting

Length: 6" to 10' (15cm to 3m)

Process temp: F: -40° to 176°

C: -40° to 80°

Pressure: 150 psi (10 bar)

Fitting material: 70\_1: PVC

10\_1: PP

50\_1: PVDF

Process mount: 2" NPT (2" G)

Sensor adaptor: 3/4" NPT (3/4" G)

Side mount

Bracket material: PP

Female threads: 1001: 2" NPT

1051: 2" G

Tank insulation: Bolt or plastic weld



LM45-7001-00"  
Fitting-adaptor Shown



LM50-10\_1  
Bracket Shown

### Order

LM45-01-

#### Fitting material

7 PVC  
1 PP  
5 PVDF

#### Process / sensor mount (1) (2)

0 2" NPT / 3/4" NPT (US)  
6 1 1/2" G / 3/4" Rp (Metric)

#### Dimensions (3) (4)

A Specify (PVC)  
(PP)  
(PVDF)

#### Ordering Notes

- 1) For integral wiring and/or conduit termination, order one LC06-1001 (NPT) or LC06-1051 (Rp) compact junction box.
- 2) For installation on open tanks, order the LM50-1001 (2" NPT) or LM50-1061 (2" G) side mount bracket.
- 3) Specify the A-dimension at the end of the part number (ie: LM45-1001-17"). The A-dimension may be specified in 1/2" (1.3 cm) increments from 6" to 10" (15 cm to 3m). Switch-Pak will be solvent (PVC) or socket welded (PP and PVDF) per your length specification.
- 4) To order the 2" plug fitting and 3/4" sensor adaptor unassembled (without a 25 mm pipe) specify a zero A-dimension at the end of the part number (ie: LM45-1001-00").

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