

SINGLE-SWITCH FITTING ASSEMBLIES

LVM-50 Series
Starts at
\$30



- ✔ Ideal Single-Switch Installation Fitting For High or Low Level Switch Applications
- ✔ Single-Switch Installation is Made Fast, Simple and Cost Effective
- ✔ The LVM-50 Series is Offered in Custom User Specified Lengths From 15.20 cm to 2.4 m (6" to 8')
- ✔ Compatible with OMEGA® Level Switches, Relay Controllers and Junction Boxes
- ✔ Constructed of PP, PVC or PVDF Materials for Corrosive Liquids
- ✔ Entire Level Switch Assembly Installs Through 2 NPT Fittings
- ✔ Compact Junction Box Rated NEMA 4X (IP65) For Power and Signal Termination
- ✔ Side Mount Bracket Provides Easy Installation in Open Tanks or Sumps

Fitting Length

The length is measured from the base of wrench flat to the end of the level switch adapter. To specify the fitting length, determine the assembly length including the level switch that will be installed on the LVM-50 Series fitting. The assembly length minus the nominal switch length equals the length of the fitting. Specify the length with the part number at the time of your order.

SPECIFICATIONS

Junction Box

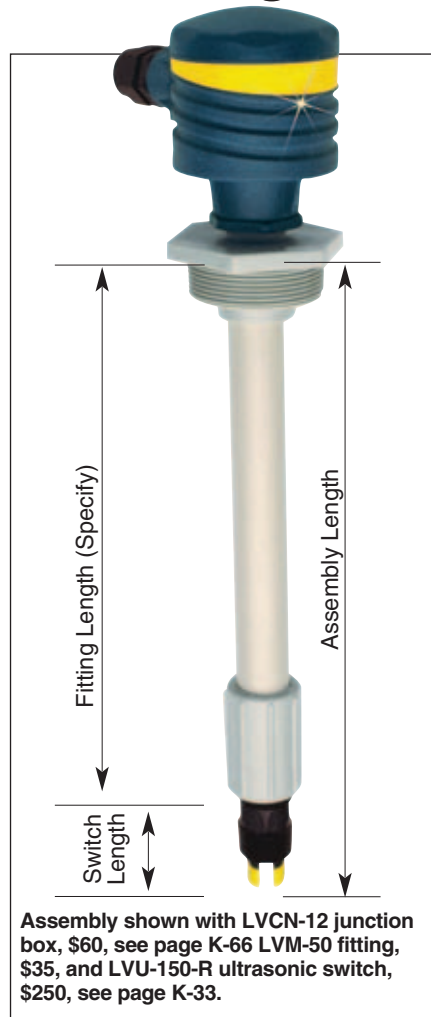
Enclosure Rating: NEMA 4X (IP65)
Enclosure Material: Polypropylene
Enclosure Rotation: 300° swivel base
Termination:
 6 pole socket terminal strip
Temperature Range:
 -40 to 70°C (-40 to 158°F)
Conduit Connection: ½ NPT

LVM-50 Series Fitting

Fitting Lengths:
 15.2 cm to 2.4 m (6" to 8")
Fitting Tolerance: ¼" (typical)
Fitting Material: PP, PVC or PVDF
Mounting Thread: 2 NPT
Mixing Velocity: Up to 1.5 fps
Temperature Range:
 -40 to 90°C (-40 to 194°F)
Pressure Range: 150 psi @ 25°C,
 derated @ 1.667 psi per °C above 25°C

Side Mount Bracket

Bracket Material: Polypropylene
Mounting Threads: 2 NPT
Installation: Bolt or plastic weld
 For open tanks or sumps, select the side mount bracket for quick installation to the side wall. The LVM-30 mounting bracket is fully compatible with the LVM-50 installation fittings and is designed for bolt or heat weld attachments to the vessel.



NOMINAL SWITCH LENGTHS

Model No.	Technology	Adder
LTU-101	Tuning Fork	3.5"
LVU-150	Ultrasonic	2.0"
LVC-101	RF Capacitance	2.0"
LVF-210	Optic	2.0"
LVV-110	Vertical Buoyancy	4.3"
LVC-152	Capacitance	4.0"



CUSTOM MODELS BUILT TO ORDER!

To Order (Specify Model Number)		
Model No.	Price	Description
LVM-50-XX	\$35	Switch fitting, PVC
LVM-51-XX	35	Switch fitting, PP
LVM-52-XX	70	Switch fitting, PVDF
LVCN-12	60	Compact junction box (1 to 3 switches)
LVM-30	35	Side mount bracket, PP

The length must be specified with the part number (example: LVM-50-18") at the time of your order. The above mentioned prices are based on a 6" to 12" length. For PVC, add \$3 per foot for each additional foot up to 8'. For PP, add \$5 per foot for each additional foot up to 8'. For PVDF, add \$25 per foot for each additional foot up to 8'. The length may be specified from 6" to 8' maximum. For integral power and signal termination, order one compact junction box for installation on the top of switch assembly. To install an LVM-50 in an open tank or sump, order one side mount bracket LVM-30. The switch fitting components (2 NPT plug fitting with ½ NPT switch adapter) may also be purchased unassembled by specifying a zero length with the part number (example: LVM-50-00.00"). Attachment of a user provided ¾" pipe section requires a solvent (PVC) or thermal (PP, PVDF) weld assembly with the switch pack fitting components.

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