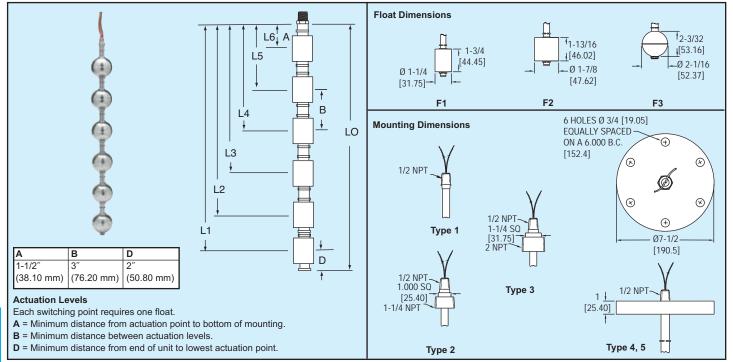


Series F7-MS

^s Multi-Station Level Switch

Customize To Fit Application, Up to Six 316 SS or Buna-N Floats



Customize level switches to meet application requirements Switches can be configured with up to six different control points and stem lengths up to 140 inches (3.56 m). Stems and floats are available in 316 SS or brass.

SPECIFICATIONS

Service: Compatible liquids.

Wetted Materials: Stem, connection, and float.

 $\label{eq:constraint} \begin{array}{l} \mbox{Temperature Limits: Buna-N floats: 180°F (82.2°C) in water, -40 to 230°F (-40 to 110°C) in oil; SS floats: -40 to 300°F (-40 to 148.9°C). \end{array}$

 $\mbox{Wire Leads: } 24 \mbox{``} (61 \mbox{ cm}) \mbox{ free leads; } \#22 \mbox{ AWG, TFE jacketed, and } \#18 \mbox{ AWG} \mbox{ Polymeric.}$

Mounting Orientation: Vertical ±30°.

Models are built to your specifications

Example		F7-MS	в	1	5	F3	1			J	F7-MSB1-5F31-04.00-07.00-11.00-15.00-20.00-24.00-J
Construction		F7-MS	-	<u> </u>	-		† ·			1	Multi-station level, 1 to 6 switch points
Stem & Connection			В							┢	Brass with Beryllium copper stops
Material			s								316SS with SS ARMCO PH-15-7MO stops
Connection				1							1/2" NPT (Float F2, F3 only)
Туре				2							1-1/4" NPT (Float F1 only)
				3							2″ NPT
				4							3" 150# Flange Carbon Steel (Conn. material S only, float F2, F3 only) [Max. pres. 150 psi (10.3 bar)]
				5							3" 150# Flange 316SS (Conn. material S only, float F2, F3 only) [Max. pres. 150 psi (10.3 bar)]
Switch Points				-	#		┢			+	Put 1 to 6 for the number of switch points desired
Float Type						F1					Buna-N, min. s.g. 0.75, 150 psi (10.3 bar) max. pres.
						F2					Buna-N, min. s.g. 0.55, 150 psi (10.3 bar) max. pres.
						F3					316SS, min. s.g. 0.75, 750 psi (51.7 bar) max. pres.
Switch Type							1				SPST, .17A @ 120 VAC, .08A @ 240 VAC, .13A @ 120 VDC, .06A @ 240 VDC
							2				SPST, .8A @ 120 VAC, .4A @ 240 VAC
							3				SPDT, .17A @ 120 VAC, .08A @ 240 VAC, .13A @ 120 VDC, .06A @ 240 VDC
											NO switch is standard. For NC place an "*" after the corresponding set point distance
											in the model number.
Set Point	L6							00.00		Γ	In inches referenced from bottom of connection.
Distance	L5							00.00			
	L4							00.00			Repeat for each switch point with dashes in between.
	L3							00.00			No numbers needed beyond the number of switches specified. In inches for example 12.25 would be
	L2							00.00			12.25" from the bottom of the process connection.
	L1							00.00			
Overall	L0								00.00		Minimum length is L1+D. Maximum length with Connection Type 1: 36" (91.4 cm),
Length											Type 2: 60" (152.4 cm), and Types 3, 4, 5: 140" (355.6 cm).
Options										J	Junction box for wire leads, NEMA 4 (Not available with Connection Type 1)