



Custom Level Switches

Custom Level Switch Ordering Form

Product P/N: _____ ① _____ ② _____ ③ _____ ④ _____ ⑤ _____ ⑥ _____ ⑦ _____ ⑧ _____ ⑨ _____ ⑩ _____ ⑪ _____ QTY _____

Example P/N: MLS-S50-T1000-SSW-NLT-C50/W18-505-(IL=20", L1=18", L2=4")/O-25-C

Please fill in all boxes below. A part number will be generated from your selections.

① Sensor Type:
MLS = Multi-Level Switch
CLS = Single-Level Switch
GMLS = Guarded Multi-Level Switch
GCLS = Guarded Single-Level Switch

② Material of Construction:

Material Type	Series (Stem Type)
B = Brass	25 = Ø1/4" Piping
S = Stainless Steel	50 = Ø1/2" Tubing
P = PVC	70 = Ø3/4" Tubing
PP = Polypropylene	100 = Ø1" Tubing

③ Switch Mounting:

Threaded Connection	Flanged Connection
T1000 = 1" MNPT	R = Raised Face
T1250 = 1-1/4" MNPT	F = Flat Face
T1500 = 1-1/2" MNPT	CS = Carbon Steel
T2000 = 2" MNPT	SS = Stainless Steel
T3000 = 3" MNPT	F1 = 1" F2 = 2"
	F3 = 3" F4 = 4"
	F5 = 5" F6 = 6"
	F7 = 7" F8 = 8"

④ Float Protection:
SSW = S.S. Stilling Well
PSW = PCV Stilling Well
NFP = No Float Protection

⑤ Lift Test:
NLT = No lift test mechanism
LT = Lift test (only avail. on T3000 & F3-8 connections)

⑦ Float Type:

Float ID #	Form	Series	Material	S.G. (±.02)	Max Press.	Max Temp.	Float OD	Float ID	Height
302	Cyl.	25	316 S.S.	.825	250psi	300°F	.905"	.355"	1.59"
501	Cyl.	50	316 S.S.	.73	225psi	300°F	1.60"	.58"	1.385"
502	Ball	25	316 S.S.	.76	700psi	300°F	1.19"	.355"	1.115"
503	Ball	50	316 S.S.	.60	750psi	300°F	2.06"	.58"	2.0"
701	Ball	75	316 S.S.	.49	300psi	300°F	3.60"	.93"	3.53"
505	Cyl.	50	Buna-N	.48	150psi	180°F	1.88"	.875"	1.75"
506	Cyl.	50	Buna-N	.43	150psi	180°F	1.25"	.60"	1.75"
1001	Ball	100	316 S.S.	.45	75psi	300°F	7.10"	1.12"	7.0"

Please call for details when ordering speciality floats for interface detection.

⑥ Electrical Connection:

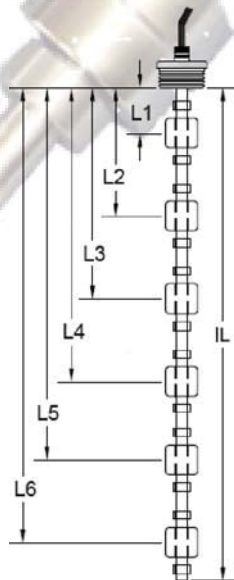
C50 = 1/2" MNPT	C75 = 3/4" FNPT
C55 = 1/2" FNPT	C100 = 1" MNPT
C70 = 3/4" MNPT	C105 = 1" FNPT

W ____ = wire termination directly out of mounting (specify length of wire in inches)
C ____ = cable length (inches)

Terminal Heads (optional)
PSCT = Plastic
SSCT = Stainless Steel
ASCT = Aluminum

⑨ Number of Switch-points:
***IL** = Overall length of unit in inches (bottom of switch mount to end of stem) _____ in
L1 = switch-point 1 at _____ in
L2 = switch-point 2 at _____ in
L3 = switch-point 3 at _____ in
L4 = switch-point 4 at _____ in
L5 = switch-point 5 at _____ in
L6 = switch-point 6 at _____ in
 *Note: A minimum of 2" is required between IL and L1.

Switching Position:
O = Switch open in dry position
C = Switch closed in dry position
D = SPDT



⑧ Float Stops:
1 = Setscrew collars (Standard)
2 = E-clips (available only for 1/4" pipe)

⑩ Switch ID#:

Switch ID #	Switch Watts (VA)	Contact	Contact Position	Max Volts	Max Amps
25	25VA	SPST/SPDT	N.O./N.C.	250AC/DC	1.0A
100	100VA	SPST/SPDT	N.O./N.C.	120AC	3.0A

⑪ Common Leads:
S = Each switch has an independent common.
C = Each switch has a shared common

For more information on custom level switches, please call 1-800-259-6874 or send an email to sales@mepinc.net.