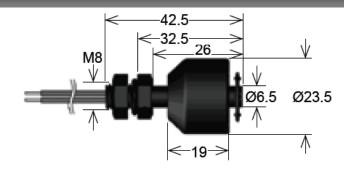


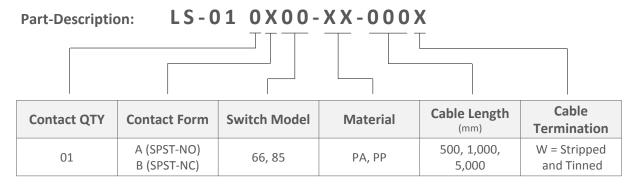
Series Datasheet – LS01 Level Sensors

www.standexmeder.com

LS01 Series Level Sensors



- Features: Compact Single Level Vertical Mount LS, High Power Switch Option, Other Cables & Connectors
- Applications: Level Control, Detection and Monitoring
- Markets: Automotive, Appliance, HVAC/R, Test & Measurement



Customer Options	Switch Model		l lock
Contact Data	66	85	Unit
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	10	100	W
Switching Voltage (max.) DC or peak AC	200	400	V
Switching Current (max.) DC or peak AC	0.5	1.0	А
Carry Current (max.) DC or peak AC	1.25	2.5	А
Contact Resistance (max.) @ 0.5V & 10mA	150	150	mOhm

Glossary Contact Form			
Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw		
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw		
Form C	Changeover SPDT = Single Pole Double Throw		

Glossary Material	
PP: Polypropylene	For water applications and dilute acids
PA: Polyamide	For oil
NBR: Nitrile Butadiene Rubber	For oil, gasoline & in high temperatures
SS: Stainless Steel	For high temp. (< 160° C)



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General Sensor Data					
Materials					
Stem, nut	PA		PP		
Float	PA	PP		NBR	
Seal	Nitrile Rubber				
Cable spec	Low voltage (Switch Model 66)		High voltage (Switch Model 85)		
Cross Section (mm²)	0.14		0.25		
Cable material	PVC				
Packing	Bulk				



Environmental Data		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	G
Vibration Resistance (max.)	20	G
Operating Temperature Cable not moved	-20 to 80	°C
Operating Temperature Cable moved	-5 to 80	°C
Storage Temperature	-30 to70	°C

*Load increase reduces life expectancy of Reed Switches Load Life time

Handling & Assembly Instructions

- Max torque of screw is 1Nm
- Cable bending-radius is diameter x 15
- Min. bending distance to housing is 5mm
- Drag mark out of the mounting area forbidden
- Decrease switching distance by mounting on iron
- > Series resistor recommended for > 5m cable length





