

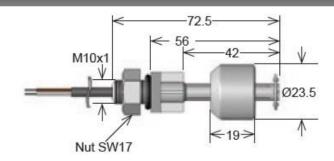
Series Datasheet – LS02 Level Sensors

www.standexmeder.com

LS02 Series Level Sensors

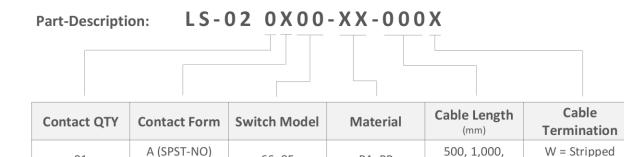
01

@ 0.5V & 10mA



- Features: IP68-only up to Screw in Thread, High Power Switch Option, Other Cables & Connectors
- Applications: Level Control, Detection and Monitoring
- Markets: Automotive, Appliance, HVAC/R, Test & Measurement

B (SPST-NC)



66,85

Customer Options	Switch	11	
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.)	150	150	mOhm

PA, PP

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)

5,000

and Tinned



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Series Datasheet – LSO2 Level Sensors

www.standexmeder.com

General Sensor Data					
Materials					
Stem, nut	PA	PA PP			
Float	PA	Р	PP N		NBR
Seal	Nitrile	Nitrile Rubber			
Cable spec		Low voltage (Switch Model 66)		High voltage (Switch Model 85)	
Cross Section (mm²)	0,14	0,14		0,25	
Cable material	PVC				
Packing	Bulk				

LS02 Level Sensor	

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





