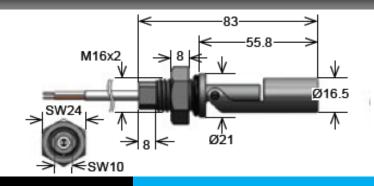


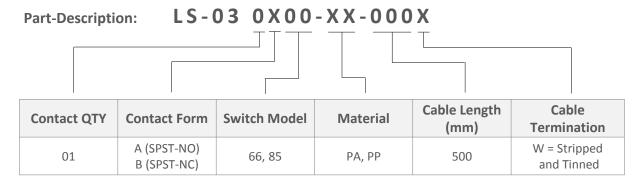
Series Datasheet - LS03 Level Sensors

www.standexmeder.com

LS03 Series Level Sensors



- Features: Single Level Horizontal Mount, 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 loit
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)



USA: +1.866.782.6339 Europe: +49.7731.8399.0 Asia: +86.21.37820625 | salesusa@standexmeder.com | info@standexmeder.com | salesasia@standexmeder.com



Series Datasheet – LS03 Level Sensors

www.standexmeder.com

General Sensor Data			
Materials			
Stem, Nut	PA	PP	
Float	PA	PP	
Seal	Nitrile Rubber	Nitrile Rubber	
Cable spec	Low voltage (Switch Model 66)	High voltage (Switch Model 66)	
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

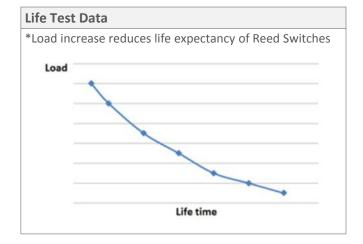
Handling & Assembly Instructions			
Standard	GZ-Type		
Mounting from inside, thread M16 x 2.0	Mounting from outside, tapered thread ½"		
> Insertion hole: Ø 16.5mm	(no sealing necessary)		
Sealing from inside, with O-ring	> Insertion hole: 1/2" thread		
DK-Type	DL-Type		
Mounting from outside, thread M16 x 2.0	Mounting from outside, thread M16 x 2.0		
➤ Insertion hole: Ø 22mm	➤ Insertion hole: Ø 22–24 mm		
> 5mm narrow sealing, suitable for high filling Pressure	> 12mm wide sealing, suitable for low filling Pressure		
> Wall thickness min. 4mm	> Wall thickness max. 5mm		













USA: +1.866.782.6339 Europe: +49.7731.8399.0 Asia: +86.21.37820625 | salesusa@standexmeder.com | info@standexmeder.com | salesasia@standexmeder.com