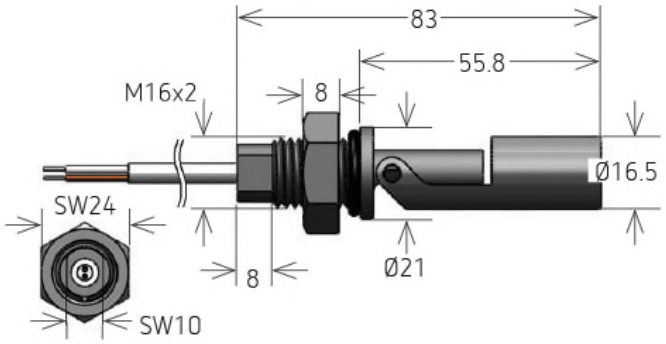
LS03 Series Level Sensors

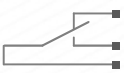
- **Features: Single Level Horizontal Mount, High Power Switch Option, Other Cables & Connectors**
- **Applications: Level Control, Detection and Monitoring**
- **Markets: Automotive, Appliance, HVAC/R, Test & Measurement**



Part Description: LS03-0X00-XX-000X

Contact Qty	Contact Form	Switch Model	Material	Cable Length (mm)	Termination
1	A, B	66, 85	PA, PP	500, 1000, 5000	W = Stripped & Tinned

Customer Options	Switch Model		Unit
Contact Data	66	85	
定格電力 (max.) 接点印加電圧×電流	10	100	W
開閉電圧 (max.) DC, ピークAC	180	1000	V
開閉電流 (max.) DC, ピークAC	0.5	1.0	A
通電電流 (max.) DC, ピークAC	1.25	2.5	A
接触抵抗 (max.) @ 0.5V & 50mA	150	150	mOhm

Glossary Contact Form		
A接点	NO = ノーマリーオープン SPST = 単極単投	
B接点	NC = ノーマリークローズ SPST = 単極単投	
C接点	チェンジオーバー SPDT = 単極双投	

Glossary Material	
PP: ポリプロピレン	水、希酸用
PA: ポリアミド	オイル用
NBR: ニトリルゴム	オイル、ガソリン用、高温用途
SS: ステンレス	高温用途

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General Sensor Data			
Materials			
ステム, ナット	PA	PP	
フロート	PA	PP	NBR
シール	ニトリルゴム	ニトリルゴム	
Cable Specifications	Low Voltage (66 Switch Model)	High Voltage (85 Switch Model)	
断面 (mm^2)	0.14	0.25	
ケーブル材質	PVC		
梱包	バルク		

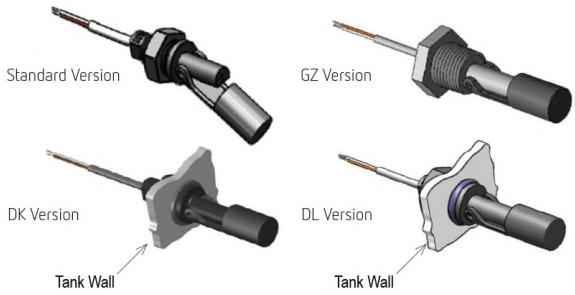
Environmental Data		Unit
耐衝撃 (max.) 半波正弦波, 11ms	50	G
耐振動 (max.)	20	G
動作温度 ケーブル固定時	-20 to 80	°C
動作温度 ケーブル非固定時	-5 to 80	°C
保管温度	-30 to 80	°C

Handling & Assembly Instructions

- ナット締め付けトルクは最大1N・m
- ケーブル最小曲げ半径は直径 x 15
- ハウジング端からのケーブル曲げ最小距離は5mm
- 鉄筐体取り付け時は動作距離が短くなります。
- 磁性ネジの使用はお控えください。
- 5m以上のケーブル接続時は直列抵抗付加を推奨します。

LS03 Reed Sensor

LS03 Reed Sensor Versions



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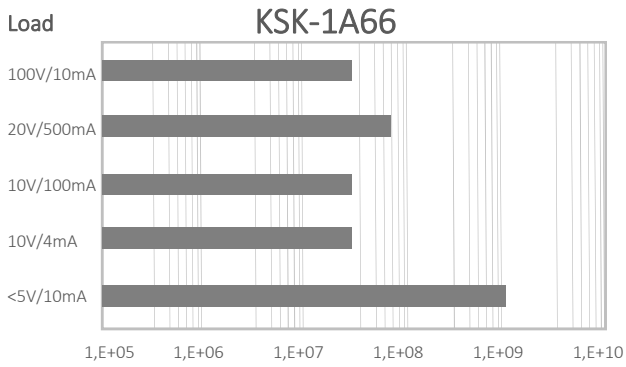
LS03 Series Level Sensors

Life Test Data

*Load increase reduces life expectancy of Reed Switches



Life Test Data

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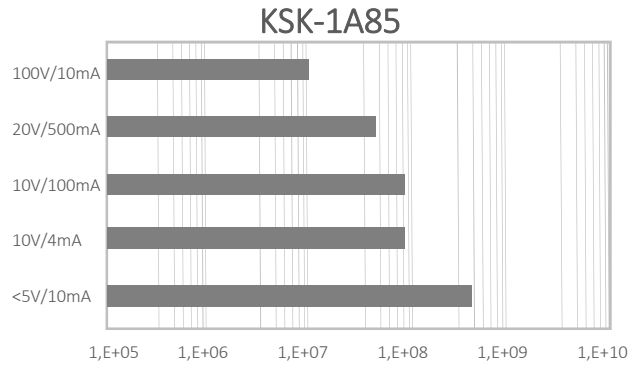

Please note: All technical specifications on this series datasheet refer to the standard product range. Modifications in the sense of technical progress are reserved. For general information only. For more specific information, please consult the product datasheet, available upon request.

This series datasheet could contain technical inaccuracies or typographical errors. Changes are periodically made to the information herein. These change will be incorporated in future revisions.

For deviating values, most current specifications and products please contact your nearest sales office.

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RoHS COMPLIANT

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