

# Customized Volume Detector Sensor

## SPECIAL FEATURES

- higher sensitivity
- Nickel-plate brass
- Semipermanently lift cycle
- Designed for off-center type
- Material : anodised aluminium alloy
- Cable length : Refer to drawing table, available on request
- Easy to install



## SPECIFICATION

Accuracy class	0.1% F.S.	Tightening torque of housing nut	7Nm
Repeatability error (% F.S)	0.01%	Electrical connection	Cable
Creep error over 30min. (% F.S)	≥0.05%	Vibration resistance	55Hz (1mm)
Reference temperature (°C)	20	Shock resistance	30g (11ms)
Operating Voltage	24V DC	Contact point material	Ag Alloy
Residual ripple ≤ 10	≤ 10% U	Initial contact resistance	100mΩ max
DC rated operational current	≤ 150mA	Power consumption	≤24VDC, 2A
Short-circuit protection	yes/Cyclic	Maximum current	10A
Isolation test voltage	≤ 0.5kV	Max. switching capacity	280W / 2,500VA
Switching frequency	2.8kHz	Max. switching voltage	30VDC / 250VAC
Compensated temperature range	-25 to +70 (°C)	Min. Switching current	100mA 5VDC
Wire breakage Reverse polarity protection	yes / Complete	Cable quality	Ø 3mm, Gray, Lif9Y-11Y, PUR, 2m
Combined error (non-linearity+hysteresis)(% F.s)	≥0.1%	Rated normal current	Stand (NH type) 10A 28VDA 10A 250VAC
Contact point	1form A (SPST), 1 Form C (SPDT)		

## DIMENSION

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