

## Flow and Pressure Sensors

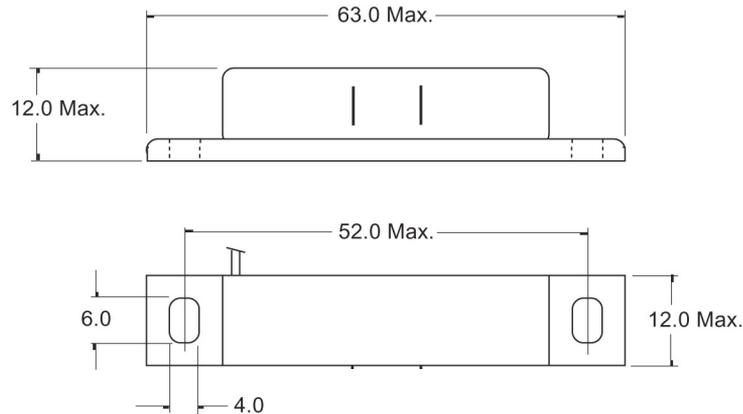
Order code	Manufacturer code	Description
78-2090	n/a	LIQUID SENSOR (RC)

Flow and Pressure Sensors	Page 1 of 2
The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

# PRODUCT DATA SHEET

## Liquid Sensor - Switch Output

**WS1**



Drawings not to scale  
All dimensions in mm nominal

## SPECIFICATION

CONTACT FORM	Form A Normally Open	
SWITCHING VOLTAGE	Max. Vdc/ac	100
SWITCHING CURRENT	Max. A res.	0.5
SWITCHING CAPACITY	Max. W	10
CONTACT RESISTANCE	mΩ typ	0.5
SWITCHING	With the presence of liquid	
OPERATING TEMPERATURE	Deg. °C	+5° +80°
STORAGE TEMPERATURE	Deg. °C	-20° +85°
CASE MATERIAL	Plastic. Colour white	
LIQUIDS	Non corrosive. Not heavy oils	
CABLE	Twin core insulated. 1.8 metres	
LIFE	Subject to life reed switch contacts could exceed 10 million operations under correct load	

This sensor has two gold plated metal probes fitted close to the body of the sensor. When the probes detect the presence of liquids the change in resistance will activate the internal reed switch contacts and cause the contact to close and the circuit to be made.

When the liquid drains away from the probes the resistance will drop and the switch contacts will open.

Liquids of very poor viscosity may not drain away from the probes and will cause the switch contacts to remain closed.

Rev. No.	Revision Note	Date
A	Web Site 2004	16-1-04