

**Nivoswitch RFM Series.**  
**Vibrating fork level switch.**  
**For liquids & light free flowing granules and powders.**

MODEL	DESCRIPTION	PRICE
	<b>Vibrating fork level switch.</b> <i>Most liquids with a maximum viscosity of 10,000 mm<sup>2</sup>/s (centistokes).</i> <i>Powders and light granules with a minimum density of 0.05 kg/dm<sup>3</sup> (S.G.).</i> Housing: Cast aluminium. Protection: IP67. Mount: 1" BSP. Wetted parts: 316 stainless steel. Ambient temp: -30~70°C. Medium temp: -40~130°C @ ambient of -30~55°C. -40~95°C @ ambient of -30~70°C. Pressure: Max, 40 bar @ -40~100°C. 25 bar @ -40~130°C. Power supply: Universal, 20~255Vac / 20~60Vdc. Output: SPDT relay. 250Vac, 8 amps, ac1.	
<b>RFM-400-0</b>	Shorty version. (Liquids only) Probe length: 69mm stainless steel.	\$740.00
<b>RFM-401-0</b>	Standard version. Probe length: 125mm stainless steel.	\$758.00
<b>RFM-402-0</b>	Extended probe: From a min of 0.2m, to a max of 3m. Probe length: 0.2m stainless steel. For each extra 100mm over 0.2m: add....	\$1055.00 \$35.00
<b>Options</b>		<b>Add Price</b>
	Plastic housing, in lieu of aluminium.	N/C
	Stainless steel flange, DN50.	\$490.00
	Second relay output.	\$58.00



**RFM-401-0**



**RFM-400-0**

<b>Density settings.</b> Switch selectable. Low / high density.
<b>Low density.</b> Solids: $p < 0.5 \text{ kg/dm}^3$ (S.G.).
<b>High density.</b> Liquids: $p > 0.7 \text{ kg/dm}^3$ (S.G.). Solids: $p > 0.5 \text{ kg/dm}^3$ (S.G.).

ECTFE coated probe for aggressive or sticky medium also available - contact Intech.

**Nivofloat NLP/NLN Series.**  
**Float level switch.**  
**For liquids.**

MODEL	DESCRIPTION	PRICE
	<b>Float level switch with adjustable differential.</b> <i>Minimum density of 0.8 g/cm<sup>3</sup> (S.G.).</i> Temperature: -20~80°C. Pressure: 5 bar. Liquid density: Min 0.8 SG Protection: IP68. Wetted parts: non toxic polypropylene. Switch angle: ±45° Output: SPDT micro-switch, 8 amp 230Vac.	
<b>NLP-105</b>	<b>PVC cable:</b> 5 metres .....	\$85.00
<b>NLP-110</b>		10 metres ..... \$115.00
<b>NLP-120</b>		20 metres ... .. \$175.00
<b>NLN-105</b>	<b>Neoprene cable:</b> 5 metres .....	\$115.00
<b>NLN-110</b>		10 metres ..... \$175.00
<b>NLN-120</b>		20 metres ... .. \$295.00

**Applications:**

- ◆ Drinking water reservoirs.
- ◆ Sewage tanks.
- ◆ Pump protection.
- ◆ Holding tanks.



[www.intech.co.nz/nivofloat](http://www.intech.co.nz/nivofloat)

**Features:**

- ◆ Mercury free switch.
- ◆ Low specific weight of floating body.
- ◆ Hermetically moulded, double chamber.
- ◆ Switching differential can be set by adjusting the counter weight along the cable.

## Liquid level switches

MODEL	PART No	DESCRIPTION	PRICE
4100	24221	<b>Side mounted level switch. S.G. 0.8</b> Temperature: -34~150°C. Pressure: 62 bar max. Switch: 20VA. SPDT. Mounting: 1" NPT. Stem: Brass. Float: 316 SS. 2" Spherical.	\$380.00
4100	24227	<b>Side mounted level switch. S.G. 0.7</b> Temperature: -34~150°C. Pressure: 69 bar max. Switch: 20VA. SPDT. Mounting: 1" NPT. Stem: Brass. Float: 316 SS. 1" Cylindrical.	\$380.00
4400	24237	<b>Side mounted level switch. S.G. 0.7</b> Temperature: -40~107°C. Pressure: 10 bar max. Switch: 20VA. SPST. Mounting: 1/2" NPT. Stem: Polysulfone. Float: Polysulfone. 11/16" Cylindrical.	\$65.00
4400	24238	<b>Side mounted level switch. S.G. 0.7</b> Temperature: -40~107°C. Pressure: 10 bar max. Switch: 20VA. SPST. Mounting: 1/2" bulkhead with nut. Stem: Polysulfone. Float: Polysulfone. 11/16" Cylindrical.	\$73.00
4200	24251	<b>Top mounted level switch. S.G. 0.65</b> Temperature: -40~107°C. Pressure: 5 bar max. Switch: 20VA. SPST. Mounting: 1/8" NPT. Stem: Polysulfone. Float: Polysulfone. 1" Cylindrical.	\$65.00
4200	41003	<b>Top mounted level switch. S.G. 0.7</b> Temperature: -40~150°C. Pressure: 27 bar max. Switch: 20VA. SPST. Mounting: 1/8" NPT. Stem: 316 SS. Float: 316 SS. 1" Cylindrical.	\$143.00
4700	41302	<b>Top mounted level switch. S.G. 0.65</b> Temperature: -40~150°C. Pressure: 50 bar max. Switch: 100VA. SPST. Mounting: 1/4" NPT. Stem: 316 SS. Float: 316 SS. 54mm Spherical.	\$170.00



4100-24221



4100-24227



4400-24237



4400-24238  
Bulkhead



4200-24251



4200-41003



4700

Specific gravity of liquids:	
Petrol	0.700
Kerosene	0.800
Olive oil	0.920
Water	1.000
Sea water	1.025
Milk	1.030
Sulfuric acid	1.140
Glycerine	1.260
Mercury	13.595

## Level and flow switches



SE280CCRG



SE111C



FF80EFM



FF81EFM



FF10CEQ



SF1800

MODEL	DESCRIPTION	PRICE
SE280CCRG SE280CCRH	<b>Side mounted rotary level switch.</b> Temperature: -20~70°C. Rotary speed: 1 RPM. Power supply: 240Vac, 50/60 Hz. Switch: 3 amp, 250Vac. SPDT. Mounting: 3/4" BSP. Housing: IP65 / PC. Cable length: 3m. Cross paddle type. Scimitar paddle type.	\$390.00 \$390.00
SE111C	<b>Side mounted rotary level switch.</b> Temperature: -10~70°C. Rotary speed: 1 RPM. Power supply: 240Vac, 50/60 Hz. Switch: 5 amp, 250Vac. SPDT. Mounting: 1" BSP or SS flange 155mmØ. Housing: IP65. Paddle: 304 SS.	\$605.00

MODEL	DESCRIPTION	PRICE
FF80EFM	<b>Side mounted magnetic level switch.</b> <b>Anti -Acid/Alkaline.</b> <b>Flange mount.</b> Temperature: -10~80°C. Switch: 50W/60VA. SPDT reed switch. Magnetic actuation. Mounting: Polypropylene flange. Housing: IP65. Polypropylene. Float: Polypropylene, SG 0.6. 44mmØ cylindrical.	\$765.00
FF81EFM	<b>Side mounted magnetic level switch.</b> <b>Anti -Acid/Alkaline.</b> <b>Bulkhead mount.</b> Temperature: -10~80°C. Switch: 50W/60VA. SPDT reed switch. Magnetic actuation. Mounting: M20 bulkhead with nut. Cable: 3m 3 core PVC. Float: Polypropylene, SG 0.6. 44mmØ cylindrical.	\$630.00

MODEL	DESCRIPTION	PRICE
FF10CEQ FF20CEQ	<b>Side mounted float level switch.</b> Pressure: 15 bar. Switch: 50VA. 250Vac. SPDT. Mounting: 1.5" BSPT. Housing: IP65. Aluminium. Float: 304 SS, SG 0.6. 41mmØ cylindrical. Standard temperature: -25~100°C. Micro Switch: rating 5A/250Vac. High temperature: -25~200°C. Reed Switch: rating 1A/30w 220Vac.	\$596.00 \$685.00

MODEL	DESCRIPTION	PRICE
SF1800	<b>Vertically mounted flow switch.</b> Temperature: -30~150°C. Pressure: 24 bar (355 psi g) Switch: 60W/230Vac. SPDT. Mounting: 1" BSP. Housing: IP65. Aluminium. Paddle: 304 SS. Other wetted parts: teflon.	\$460.00