

Level switches

Nivoswitch RCM/RCR Series.

Vibrating fork level switch.

For liquids & light free flowing granules and powders.



RCM-400-1



RCM-401-1

MODEL	DESCRIPTION	PRICE
	Vibrating fork level switch. <i>Most liquids with a maximum viscosity of 10,000 mm²/s (centistokes).</i> <i>Powders and light granules with a minimum density of 0.05 kg/dm³ (S.G.).</i> Mount: 1" BSP = RCM . Wetted parts: 316 stainless steel. Ambient temp: -40~70°C. Medium temp: -40~130°C @ ambient of -40~55°C. -40~95°C @ ambient of -40~70°C. Pressure: Max, 40 bar @ -40~100°C. 25 bar @ -40~130°C. Output: Type 1: 2 wire ac, 20~255Vac, 50/60 Hz. Type 3: (NPN/PNP selectable). 3 wire dc, 12~55Vdc, 350 mA. with plug in connector. (IP65).	
RCM-400-1	Shorty version. <i>(Liquids only).</i> Probe length: 69mm stainless steel.	\$380.00
RCM-401-1	Standard version. Probe length: 125mm stainless steel.	\$415.00
RCM-402-1	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....	\$640.00 \$33.00
Options		Add Price
	Cable integral to probe. (IP68). Cable length = 3m.	\$58.00
	Triclamp sanitary probe = RCR . 1.5 or 2 inch.	\$150.00
	Highly polished probe = RCG . <i>For more hygienic applications.</i>	\$195.00
	ECTFE (Halar) coated probe. <i>For aggressive or sticky medium.</i> With ECTFE (Halar) coated st.st. flange. Max: 40 bar @ -40~100°C. 25 bar @ -40~120°C.	\$68.00
	ECTFE (Halar) coated probe. <i>For aggressive or sticky medium.</i> With polypropylene flange. Max: 6 bar @ -20~50°C. 1 bar @ -20~90°C.	\$68.00
	Ex version, Special version of R-400 to be used only with the Nivoswitch JDT remote switching unit. (See below).	POA



RCM-401-2
With integral cable
IP68

Density settings:			
2 wire ac.	Fixed settings.		Liquids: p > 0.7 kg/dm ³ (S.G.). Solids: p > 0.5 kg/dm ³ (S.G.).
2/3 wire dc.	Switch selectable. (Connector). Wire selectable. (Cable).	High density.	Liquids: p > 0.7 kg/dm ³ (S.G.). Solids: p > 0.5 kg/dm ³ (S.G.).
		Low density.	Solids: p < 0.5 kg/dm ³ (S.G.).

Connector Plug	2m Cable	Process connection
-1 = AC	-2 = AC	RCM = 1" BSP
-3 = DC	-4 = DC	RCR = 2" Tri-clamp

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

MODEL	DESCRIPTION	PRICE
	Vibrating fork level switch. <i>Most liquids with a maximum viscosity of 10,000 mm²/s (centistokes).</i> <i>Powders and light granules with a minimum density of 0.05 kg/dm³ (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.	
RFM-400-0	Shorty version. <i>(Liquids only)</i> Probe length: 69mm stainless steel.	\$740.00
RFM-401-0	Standard version. Probe length: 125mm stainless steel.	\$758.00
RFM-402-0	Extended probe: From a min of 0.2m, to a max of 3m. Probe length: 0.2m stainless steel.	\$1055.00
	For each extra 100mm over 0.2m: add....	\$35.00
Options		Add Price
	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

Density settings. Switch selectable. Low / high density.
Low density. Solids: $p < 0.5 \text{ kg/dm}^3$ (S.G.).
High density. 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
	Float level switch with adjustable differential. <i>Minimum density of 0.8 g/cm³ (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.	
	PVC cable:	
NLP-105	5 metres	\$85.00
NLP-110	10 metres	\$115.00
NLP-120	20 metres	\$175.00
	Neoprene cable:	
NLN-105	5 metres	\$115.00
NLN-110	10 metres	\$175.00
NLN-120	20 metres	\$295.00

Applications:

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



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.