



## Magnetic Level Switches for Liquids, Side Installation



measuring  
•  
monitoring  
•  
analysing



- Pressure: max. 100 bar
- Temperature: max. 150 °C
- Connection:  
G 3/8 male thread
- Material:  
Brass, stainless steel,  
PVC-U, PP



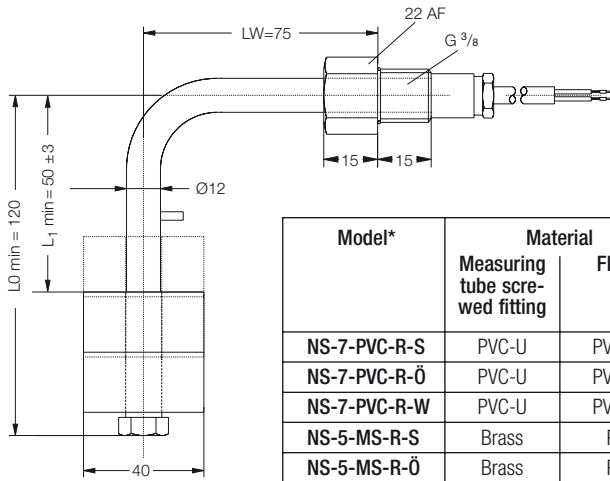
N1

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**Model:**  
NS

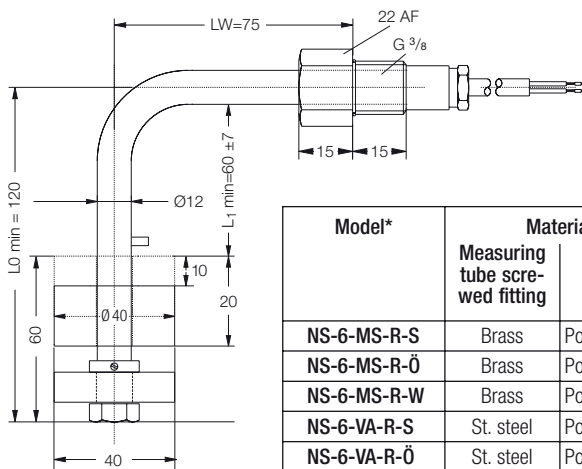


**Contact operation with rising level:**

N/O contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 N/C contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 Changeover contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 Cable length: 1 m NYLHY  
 Installation position: vertical ±30°  
 Protection: IP 65  
 Connection: G 3/8 male thread  
 L<sub>1</sub> min: 50 mm

Model*	Material		Nominal pressure [bar]	Max. Temperature [°C]		Number of contacts Function	Min. mount. depth [mm]	Liquid density [kg/dm <sup>3</sup> ]
	Measuring tube screwed fitting	Float		PVC cable	Silicone cable			
NS-7-PVC-R-S	PVC-U	PVC-U	3	55	55	1 N/O contact	95	> 0.9
NS-7-PVC-R-Ö	PVC-U	PVC-U	3	55	55	1 N/C contact	95	> 0.9
NS-7-PVC-R-W	PVC-U	PVC-U	3	55	55	1 changeover c.	95	> 0.9
NS-5-MS-R-S	Brass	PP	3	70	90	1 N/O contact	95	> 0.7
NS-5-MS-R-Ö	Brass	PP	3	70	90	1 N/C contact	95	> 0.7
NS-5-MS-R-W	Brass	PP	3	70	90	1 changeover c.	95	> 0.7
NS-5-VA-R-S	St. steel	PP	3	70	90	1 N/O contact	95	> 0.7
NS-5-VA-R-Ö	St. steel	PP	3	70	90	1 N/C contact	95	> 0.7
NS-5-VA-R-W	St. steel	PP	3	70	90	1 changeover c.	95	> 0.7

\*Min. switch point distance from end of measuring tube is different for special lengths

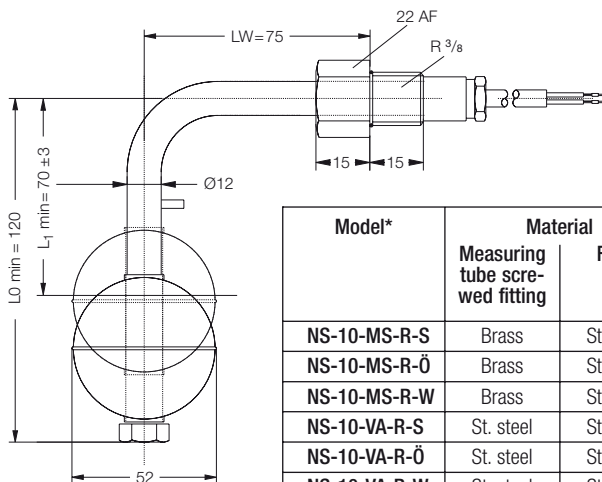


**Contact operation with rising level:**

N/O contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 N/C contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 Changeover contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 Cable length: 1 m NYLHY  
 Installation position: vertical ±30°  
 Protection: IP 65  
 Connection: G 3/8 male thread  
 L<sub>1</sub> min: 60 mm

Model*	Material		Nominal pressure [bar]	Max. Temperature [°C]		Number of contacts Function	Min. mount. depth [mm]	Liquid density [kg/dm <sup>3</sup> ]
	Measuring tube screwed fitting	Float		PVC cable	Silicone cable			
NS-6-MS-R-S	Brass	Polypropylene	100	70	90	1 N/O contact	120	> 0.8
NS-6-MS-R-Ö	Brass	Polypropylene	100	70	90	1 N/C contact	120	> 0.8
NS-6-MS-R-W	Brass	Polypropylene	100	70	90	1 changeover c.	120	> 0.8
NS-6-VA-R-S	St. steel	Polypropylene	100	70	90	1 N/O contact	120	> 0.8
NS-6-VA-R-Ö	St. steel	Polypropylene	100	70	90	1 N/C contact	120	> 0.8
NS-6-VA-R-W	St. steel	Polypropylene	100	70	90	1 changeover c.	120	> 0.8

\*Min. switch point distance from end of measuring tube is different for special lengths



**Contact operation with rising level:**

N/O contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 N/C contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 Changeover contact: 230 V<sub>AC</sub> / 1.0 A / 60 VA  
 Cable length: 1 m NYLHY  
 Installation position: vertical ±30°  
 Protection: IP 65  
 Connection: G 3/8 male thread  
 L<sub>1</sub> min: 70 mm

Model*	Material		Nominal pressure [bar]	Max. Temperature [°C]		Number of contacts Function	Min. mount. depth [mm]	Liquid density [kg/dm <sup>3</sup> ]
	Measuring tube screwed fitting	Float		PVC cable	Silicone cable			
NS-10-MS-R-S	Brass	St. steel	30	70	90 (150*)	1 N/O contact	120	> 0.6
NS-10-MS-R-Ö	Brass	St. steel	30	70	90 (150*)	1 N/C contact	120	> 0.6
NS-10-MS-R-W	Brass	St. steel	30	70	90 (150*)	1 changeover c.	120	> 0.6
NS-10-VA-R-S	St. steel	St. steel	30	70	90 (150*)	1 N/O contact	120	> 0.6
NS-10-VA-R-Ö	St. steel	St. steel	30	70	90 (150*)	1 N/C contact	120	> 0.6
NS-10-VA-R-W	St. steel	St. steel	30	70	90 (150*)	1 changeover c.	120	> 0.6

\*Min. switch point distance from end of measuring tube is different for special lengths