

DESCRIPTION

SG Series PNOTOL visual level indicators are mechanical level indication elements that allow direct and continuous monitoring of the liquid level in tanks, boilers, and similar vessels containing liquids.

Thanks to their transparent tube structure, the liquid level can be easily observed visually without the need for any external energy source. The scale indicator inside the tube enables fast and clear level reading.

In addition to standard models used solely for visual level monitoring, the product range also includes versions with electrical contacts and thermometers. Electrically contacted models enable switching at a predefined level point and can be integrated with alarm or system control units. Thermometer models allow temperature monitoring together with the liquid level.

Thanks to their simple mounting structure, they provide easy installation. Their robust body construction and the use of industrial-grade materials ensure long-lasting and reliable operation.



FEATURES

Electrical

Connector Type	DIN 43650-A
Max. Supply Voltage	48 V
Max. Current (Max. VAC)	0,5 A
Connection Principle:	3-wire 2-wire
Protection Class:	IP65
Electrical Configuration:	SPDT (COM – NO – NC)
Switch Contact Life (Cycle):	5,000,000 cycles
Switching Type:	Mechanical switching at level point

Mechanical

Max. Operating Pressure	2 bar
Mounting Type	Mechanic, Visual Level Indicator
Mounting Orientation	Vertical
Operating Temperature	-20°C ... +100°C

Materyal

Transparent Tube	Metakrilat (PMMA)
Protective Housing	6013 Aluminum
Sealing Element	NBR 90
Connection Heads	6013 Alüminum
Connection Bolts	Galvanised Steel

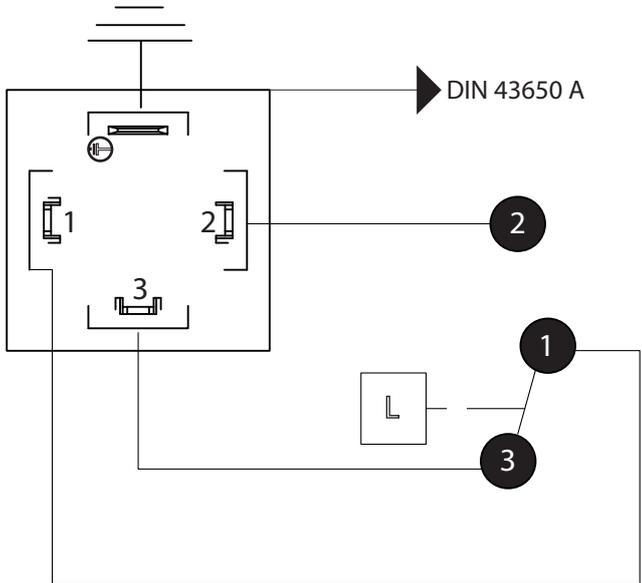
1

WARNING: The values specified in the technical documentation are tested maximum values. For applications outside these limits, please consult us. Avoid operating the product without pressure or impact, and use proper filtration to extend service life.


ORDER CODE

SG	- ... -	- ... -	- ... -	- ... -
MODEL	Version	Sealing Type	Center Distance of Connection Holes	Electrical Signal Type
SG Model Seviye Göstergesi	T With Thermometer F SPDT NO/NC Two Contact FA SPDT NO Normally Open <i>If left blank, it indicates level indicator only.</i>	V Viton Sealing <i>If left blank, NBR sealing elements are used.</i>	127 127 mm	MAX Upper level warning signal <i>(If left blank, standard version)</i>
			150 150 mm	
			176 176 mm	
			254 254 mm	
			305 305 mm	
381 381 mm				

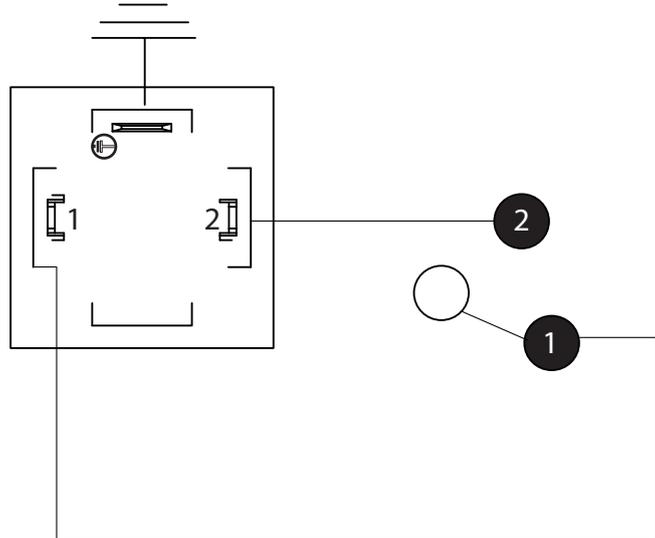
NOTE: Products will be supplied with a DIN 43650-A type connector.


ELECTRICAL CONNECTION


Terminal 1 – 2:
 When the liquid level reaches the lower level, an electrical connection is established between terminal 1 and terminal 2.
 (NO – Normally Open)

Switching Function
 • Terminal 1 – 3: When the liquid level reaches the upper level, an electrical connection is established between terminal 1 and terminal 3.
 (NO – Normally Open)

Terminal 1 – 2: When the liquid level is below the set level or drops below the level, an electrical connection is established between terminal 1 and terminal 2.



TECHNICAL DIMENSIONS

