

## Level Sensor

with pneumatic or conductive measuring principle



The pneumatically or conductively operating level sensors can be equipped with up to four pressure wave switches or rod electrodes, respectively. The individual adjustment of the installation length to the specific task and conditions ensures universal and accurate measurements with a long lasting reliability in all fields of industrial process technology, monitoring and laboratory applications.

### Features

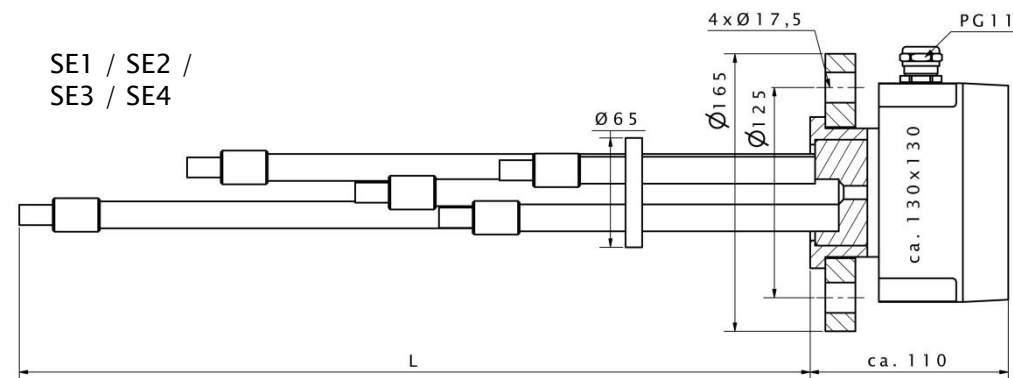
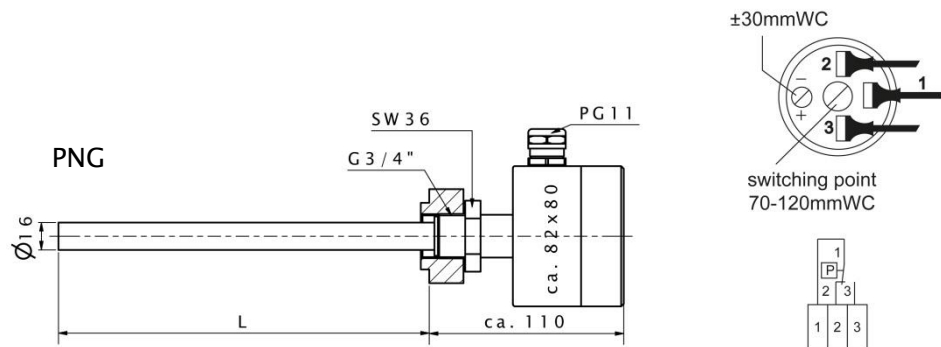
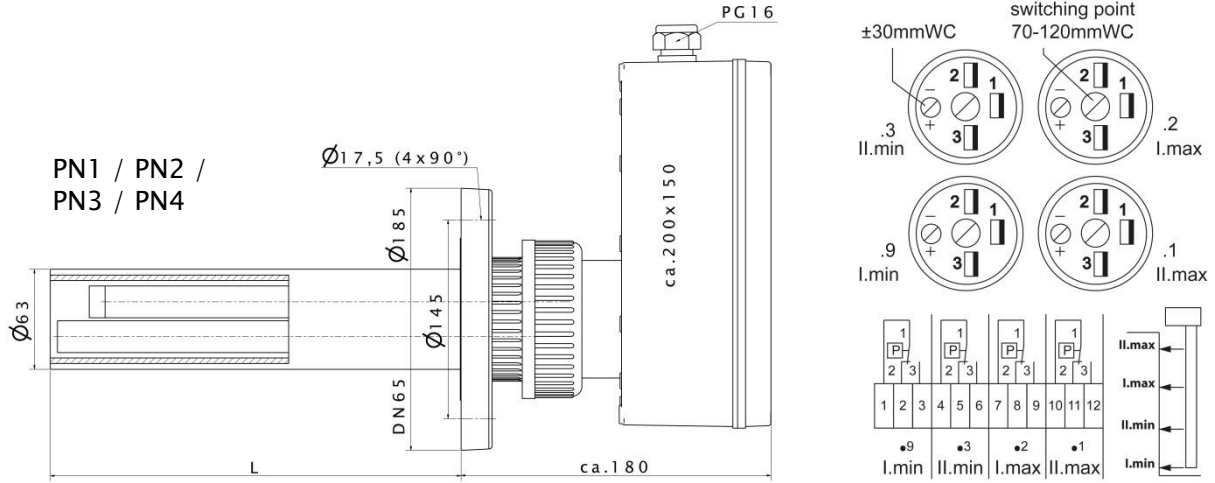
- suitable for up to four pressure wave switches (pneumatic measurement principle) or rod electrodes (conductive measurement principle)
- high operational reliability
- universally applicable at temperatures up to +75 °C
- robust, ready-to-install design
- easy installation and handling
- installation limited to open or unpressurised tanks
- pressure wave switches designed for aggressive fluids
- installation length variable
- compact design with protective pipe and hoses
- splash-water proof connection housing

### Application fields

- preferred application in water treatment, water purification and exhaust air cleaning plants
- suitable for general industrial measurements

## Technical data

Parameter	PN1	PN2	PN3	PN4	PNG	SE1	SE2	SE3	SE4
measuring principle	pneumatic					conductive			
number of pressure wave switches / rod electrodes	1	2	3	4	1	1	2	3	4
switchover contact	230 V AC, 3 A					-			
switching hysteresis	±50 mm WS					-			
response pressure	120 ±30 bis 70 ±30 mm WS (adjustable)					-			
contact material of measuring cell	-					graphite			
material	PVC, PP					PVC, PP			
connection	wired on terminals				plug-in connection	wired on terminals			
connection cable feedthrough	PG 16				PG 11	PG 11			
diameter protective pipe	DA63				16 mm	16 mm			
installation	flange DN65				thread G ¾"	flange DN65			
installation length	1.0 to 5.0 m				0.5 to 2.5 m	1.0 to 4.0 m			
permitted temperature range	PVC	0 to +50 °C				0 to +50 °C			
	PP	0 to +75 °C				0 to +75 °C			
remarks	in PP without protective pipe and with welded single rods				suitable for connection to the electronic level switch device NS82A	measuring cells are delivered uninstalled, final installation comprises cutting the immersion pipe to length and gluing of the cells when PVC or welding when PP.			
						suitable for connection to the electronic level switch device NS82A			



We will be pleased to assist you by selecting the suitable option that meet your requirements. In addition to the displayed order options special customized designs are certainly possible. Please contact us!

Specifications are subject to modifications.