

Specification & Performances

- Ability for differentiation between foam, powder, liquid & solid particles
- Not sensitive to adherent or sticky media
- Compact design can be installed in confined spaces
- Bright LED indicate output signal
- up to IP69K

Application

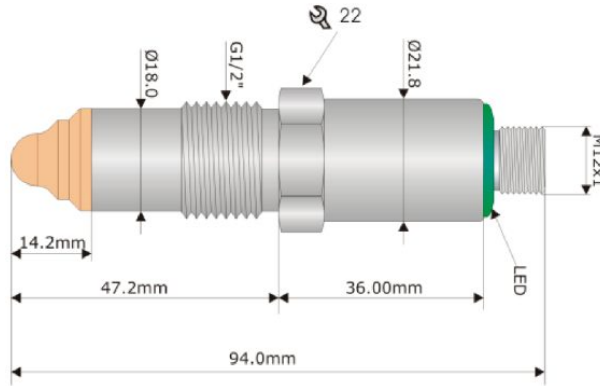
- Pharmaceutical
- Food & Beverages
- Fluid Filtration
- Sewage / Water Treatment



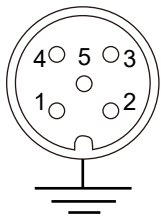
Specification

Housing material	SS304		
Wetted part material	Probe	Thread	
	PEEK	SS316L	
Process connection	G1/2		
Electrical connection	M12 x 4pins, Polycarbonate, with LED light		
	M12 x 4pins, Stainless steel, without LED light (optional)		
Temperature range	Medium Temperature	Ambient Temperature	Storage Temperature
	0 ~100 °C; 150 °C(30min)	-10-70 °C	-20-70 °C
Supply voltage	12...30VDC 35mA (maximum)		
Output signal	PNP/NPN, NO/NC		
Output voltage	PNP (Vs-1.5V)±0.5V; Rload=10KΩ		
	NPN (-Vs+1.5V)±0.5V; Rload=10KΩ		
Reverse polarity protection	Band		
Leakage current	±100µA (maximum)		
Start time	<2s		
Response time	0.15 (150mS) ±0.05s		
Damping time	0...10s optional, standard setting 0.1S		
Protection class	IP68 EN60529		
EMC protection	Meet EN 61326 requirement		
Repeatability	±1mm		
Hysteresis	±1mm		

Dimensions (mm)



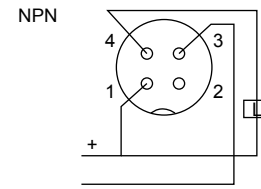
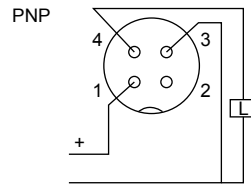
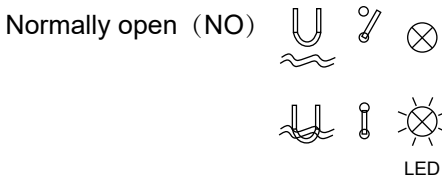
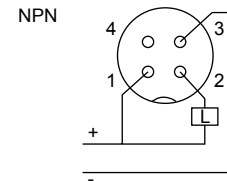
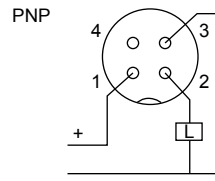
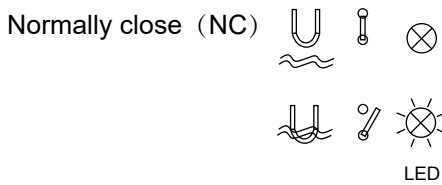
Electrical Connection



M12 x 4-pin connector

Pins	Function
1	Power supply "+" (Brown)
2	PC Communication terminal / NC
3	Power supply "-" (Blue)
4	Output signal / NO (Black)
5	PC Communication terminal

Electrical Connection Diagram



2LS ordering code

	Code	Specification
1.	<input type="text"/>	2LS Series
		Electrical connection
2.	<input type="text"/>	1 M12 x 4-pin, with LED light and PC configuration
		Thread material
3.	<input type="text"/>	L 316LSS
		Output signal
4.	<input type="text"/>	1 PNP
		2 NPN
		Switch selection
5.	<input type="text"/>	1 Normally Open (NO)
		2 Normally Closed (NC)