



Conductive Level Sensor LSK 220

Sensor for hygienic installation without elastomere seal

Compact design

Electrode is variable in length

Food compatible material

Temperature resistant up to 140 °C

Hygienic adapter sleeve for other process connections

PTFE-coating



Description

The conductive level sensor LSK 220 is used for level detection and dry run protection in conductive liquids. The conductive level sensor LSK 220 measures the difference of conductivity of the sensor which is covered by the conductive liquid. The tank or pipe side acts as the counterpotential. This electrode is vari-

able in length. Different evaluation modules are available for the evaluation (e. g. LKM). The hygienic installation is guaranteed by using the hygienic process weldin sleeve PM 020. Due to its high temperature resistance (140 °C), the LSK 220 is well suitable for CIP and sterilization processes.



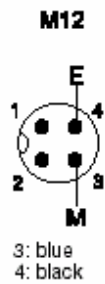
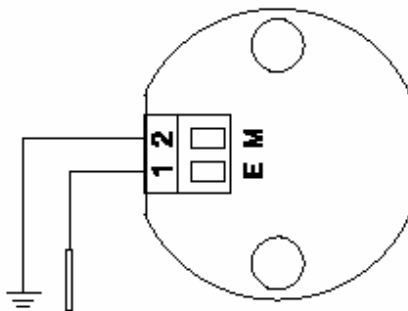
Technical data

Connecting head stainless steel V2A 1.4305; Ø 55 mm	Insulating material PEEK
Electrical connection cable gland M16; M12-plug connection	Temperature range -20 ... 140 °C
Process connection thread adapter G½"; V4A 1.4571; sleeve PM 020	Operating pressure max. 10 bar
Electrode rod powder-coating PTFE 0,1 mm corresponding the FDA regulation	Output electrode-/ground-connection
Electrode length 200; 500; 850; 1000 mm	
Type of protection IP 67	

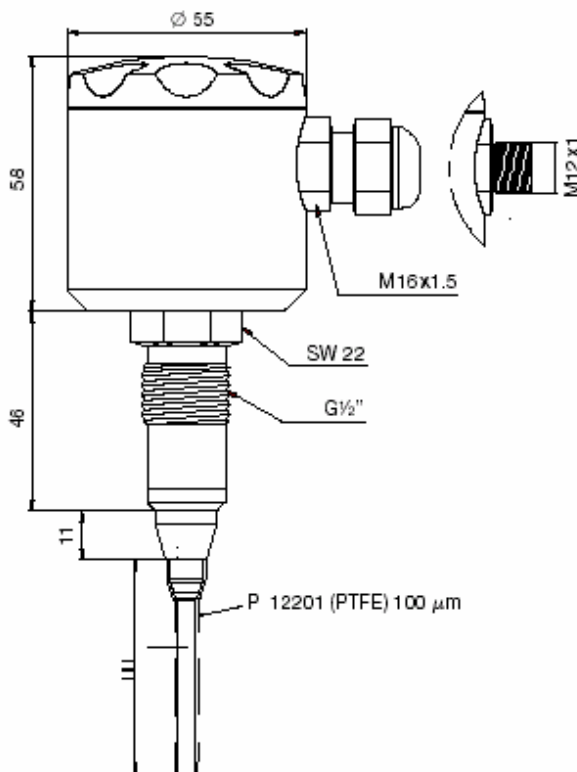
Selection chart

Ordering code	LSK 220		
Electrode length		Electrical connection	
1	200 mm	Cable gland M16	1
2	500 mm	Plug M12	2
3	850 mm		
4	1000 mm	Accessory	
		PM 020 Hygienic process weld-in sleeve	

Wiring diagram



Dimensional drawing



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