



Conductive Level Sensor LSK 120

Sensor fabricated completely in stainless steel

Compact design

Electrode is variable in length

Food compatible material

Temperature resistant up to 140 °C

Hygienic adapter sleeve for other process connections



Description

The conductive level sensor LSK 120 is used for level detection and dry run protection in conductive liquids. The conductive level sensor LSK 120 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 120 is well suitable for CIP and sterilization processes.



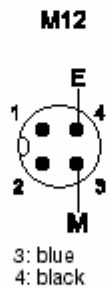
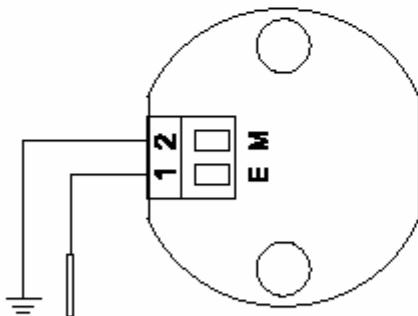
Technical data

Connecting head stainless steel V2A 1.4305; Ø 55 mm	Type of protection IP 67
Electrical connection cable gland M16; M12-plug connection	Insulating material PEEK
Process connection thread adapter G1/2" h; V4A 1.4571; sleeve PM 020	Temperature range -20 ... 140 °C
Electrode rod stainless steel 1.4571; Ø 4 mm	Operating pressure max. 10 bar
Electrode length 200; 500; 850; 1000 mm	Output electrode-/ ground-connection

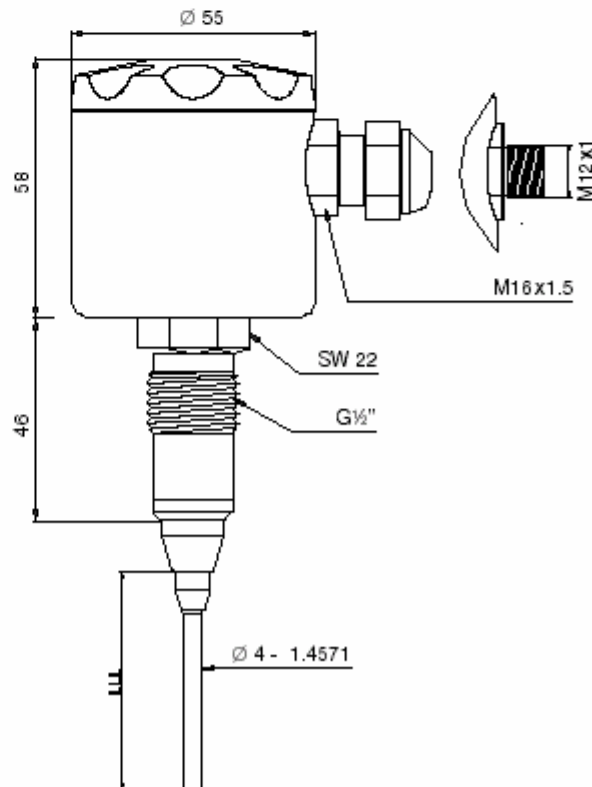
Selection chart

Ordering code	LSK 120	
Electrode length		
1	200 mm	Electrical connection
2	500 mm	Cable gland M16
3	850 mm	Plug M12
4	1000 mm	
		Accessory
		PM 020 Hygienic process weld-in sleeve

Wiring diagram



Dimensional drawing



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