



## Conductive Level Sensor LSK 020

**Sensor for hygienic installation without elastomere seal**

**Compact design**

**Optimized flow geometry**

**Millimetre precise switch point**

**Food compatible material**

**Temperature resistant up to 140 °C**

**Installation in pipes from DN 25 upwards**

**Direct connection to a SPS and PLS**

**Hygienic adapter sleeve for other process connections**



### Description

The conductive level sensor LSK 020 is used for level detection and dry run protection in conductive liquids. The conductive level sensor LSK 020 measures the difference of conductivity of the sensor which is covered by the conductive liquid. The tank or pipe side acts as the counterpotential. Different evalu-

ation modules are available for the evaluation (e. g. LKM). The hygienic installation is guaranteed by using the hygienic process weld-in sleeve PM 020. Due to its high temperature resistance (140 °C), the LSK 020 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 length**  
stub

**Output**  
electrode-/ground-connection

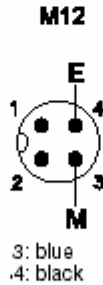
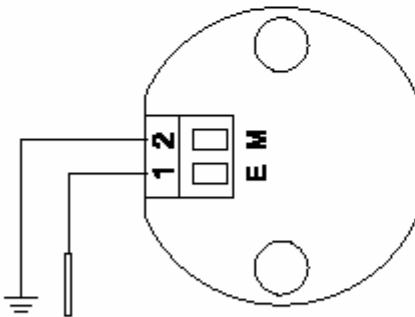
**Type of protection**  
IP 67

**Selection chart**

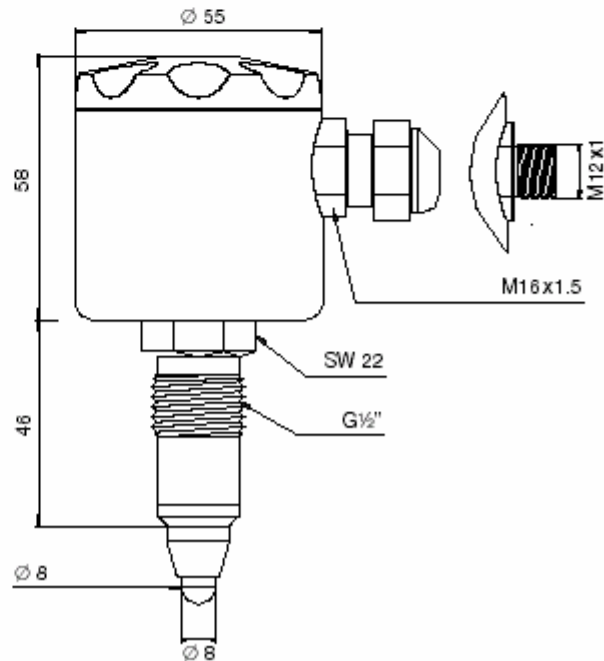
<b>Ordering code</b>	LSK 020
<b>Electrical connection</b>	
Cable gland M16	1
Plug M12	2

**Accessory**  
PM 020 Hygienic process weld-in sleeve

**Wiring diagram**



**Dimensional drawing**



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