

Liquid detector, type 6703-15, Series A

- This sensor has got a very compact and robust design.
- It's clamp connections offer best possibilities for fitting and maintenance.
- Due to the proportional output of the signal different kinds of liquids may be recognized.



Description

The compact design with stainless steel measuring tip meets the hygienic requirements of the food industry.

The sensor for conductivity is suitable for the application in stationary and mobile systems and it is CIP-cleanable.

The sensor is mounted on the welding connection via a very service friendly clamp connection.

Function

The milk sensor 6703-15 provides a proportional voltage to the conductance of the milk.

The probe tip can be shortened as required.

Advantages

- **Hygienic quality of the sensor head**
- **CIP-cleanable**
- **Very robust**
- **Compact design**

Technical Data											
Electrical Data											
Operating voltage	DC 24 V (+ 10 ... - 20 %), 50 mA										
Connection	Cable 5 m (conductor and sleeves)										
Output (U_Milk)	Analog 0,0 ... 2,1 V										
Measuring area	0 ... 5 K Ω										
Ambient conditions											
Operating temperature/sensor element	- 20 ... + 60 °C/briefly up to 80 °C										
Storage temperature	- 30 ... + 70 °C										
Protection type	IP 65										
Mechanical Data											
Weight	0,5 kg										
Casing	V _{2A} 1.4301										
Assembly	Clamp DN 20										
Installation											
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">terminal assignment</th> </tr> </thead> <tbody> <tr> <td>PK</td> <td>U +</td> </tr> <tr> <td>GY</td> <td>U_Milk</td> </tr> <tr> <td>YE</td> <td>GND</td> </tr> <tr> <td>GNYE</td> <td>shield</td> </tr> </tbody> </table> <p style="text-align: center;">216274.dwg</p>		terminal assignment		PK	U +	GY	U_Milk	YE	GND	GNYE	shield
terminal assignment											
PK	U +										
GY	U_Milk										
YE	GND										
GNYE	shield										
Order designations											
Designation	Order number										
Milk sensor 6703-15	216274										
Accessories (not included in the scope of delivery)											
Welding connection DN 20, type 6701-00-021	216921										
Double joint clamp DN 20	216815										
Clamp flat gasket DN 20 EPDM	216816										
O-ring gasket, 12,0 x 3,0 Viton	U 220 751										