

Milk sensor, type 6703-16, Ser. B

- This sensor has got a very compact and robust design.
- It's clamp connections offer best possibilities for fitting and maintenance.



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

Via a plus-switching output, the liquid sensor sends a signal if there is milk in the intake pipe.

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 milk sensor	Plus-switching (DC +24 V) Switching current \leq 20 mA												
Threshold level of milk sensor	Approx. 500 Ω												
AC voltage of milk sensor	12 V AC, approx. 1.5 kHz												
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="3">terminal assignment</th> </tr> </thead> <tbody> <tr> <td>PK</td> <td>U +</td> <td rowspan="4"> </td> </tr> <tr> <td>GY</td> <td>U_Milk</td> </tr> <tr> <td>BU</td> <td>OV</td> </tr> <tr> <td>YEGN</td> <td>shield</td> </tr> </tbody> </table> <p style="text-align: center; font-size: small;">275354.dwg</p>		terminal assignment			PK	U +		GY	U_Milk	BU	OV	YEGN	shield
terminal assignment													
PK	U +												
GY	U_Milk												
BU	OV												
YEGN	shield												
Order designations													
Designation	Order number												
Milk sensor, type 6703-16, Ser. B	303502												
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 VMQ 70 FDA	335326												