

Liquid detector, type 6703-17, Series A

- 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

terminal assignment		
PK	U +	
GY	U_Milk	
BU	0V	
YEGN	shield	

303502.dwg

Order designations

Designation	Order number
Milk sensor 6703-17	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 Viton	U 220 751