



level measurement

Microwave - limit switch for level detection or limit level monitoring in liquids and solids



type:

Mycrocont MCN4

description

The level monitor Mycrocont MCN is used for easy and reliable level monitoring of liquids or solids. In addition to aqueous media, also e.g. oils, honey, chocolate, Emulsions and various fine-grained materials such as grain, sugar, milk powder, etc. can be recorded. Because of the elastomer-free seal between the tip and sleeve the Mycrocont MCN can also be used for hygienic applications. The medium can be balanced via DIP switches or an optional software. The control software can detect differences in media and the switching characteristics of this situation can

be matched exactly. Suitable in the appropriate configuration for media with $\epsilon_r > 2$, including chocolate, honey, vegetable oil, etc., and all aqueous media.

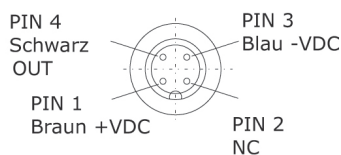
application

- Level or level detection in containers
- Dry-running protection for pumps
- Can be used in liquids, viscous media, granular materials or powders
- Suitable for electrically conductive and non-conductive media

advantages

- Adjustable sensitivity
- Elastomer-free, hygienic seal
- Exact switching point adjustment via software

connection



specials



hygienic
design

**CIP
SIP**

capable

**Min/
Max**

corrosion
resistant



easy-to-use

V4A

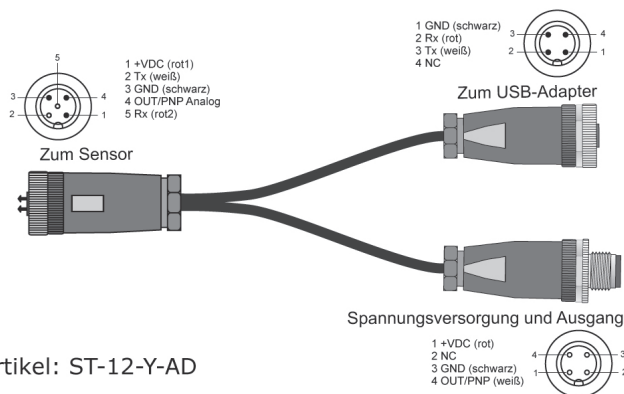
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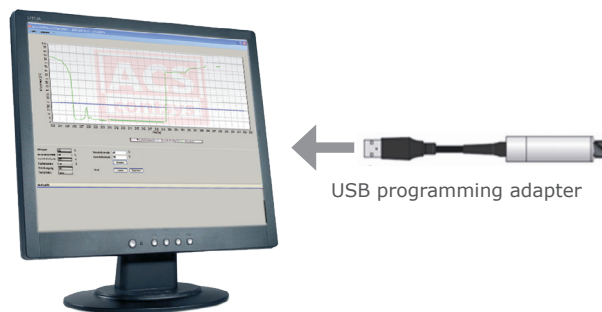
technical data

Technical data	
Process connection	G1 / 2 "hygienic
Output signal	PNP, NPN or push-pull switchable
Materials (in process PB)	PEEK * 1
Materials Housing parts	316L
Protection class	IP67 according to DIN EN 60529
Switch-on delay	<0.3 sec
Response dynamics	<0.2sec
Supply voltage	U _b = 24V (12 ... 32VDC)
Permissible load	0ohm, 24VDC, 100mA
Setting	by PC software "MCN SOFT"
Electrical connection	M12 plug 5-pin. Pin 2 + 5 milled, for data communication

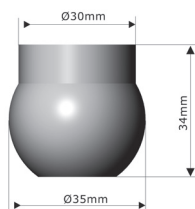
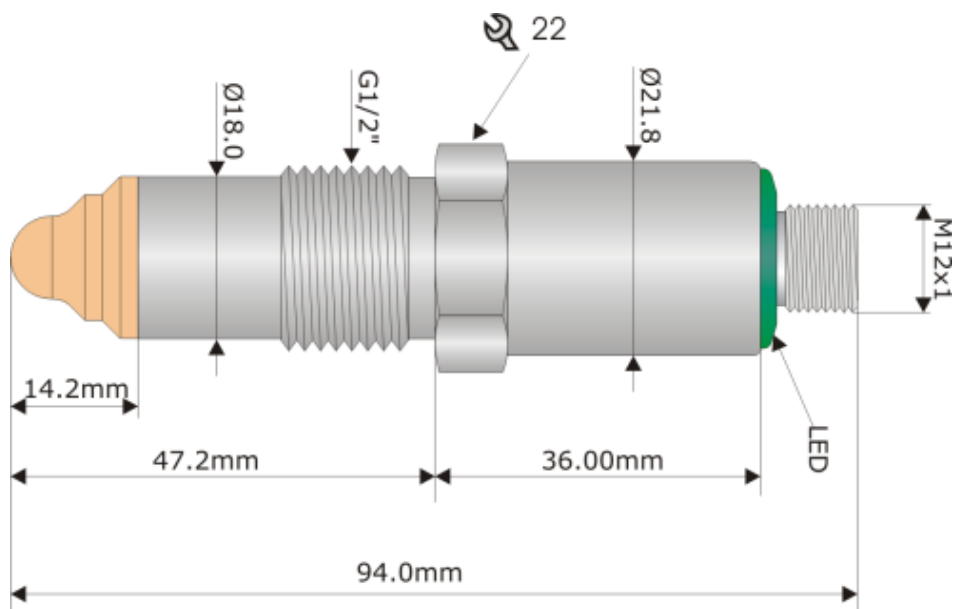
Parameterization (optional equipment)



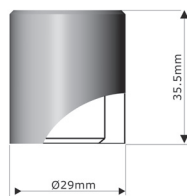
Artikel: ST-12-Y-AD



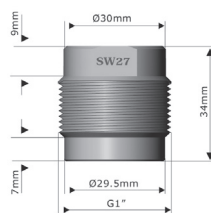
USB programming adapter



ball weld
BEFH-30



standard weld
BEFH-20



fork adapter 1"
HEM-10

order code



- 00 **Type**
Standard
- 22 **Process connection**
Standard G½" (hygienic installation with socket BEFH; 55mm)
- YY Special version
- GA **Electronics**
24 V DC (12...32 V DC)
- 01 **Connection**
M12
- S **Option**
Standard
- Y Special version

order code

MCN4	GA 01
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Equipment

order code	type
91963007	ST-12-Y-AD Y connection cable for KLF-200/MCN4
91981506	USB Programming Adapter
91980650	BEFH-20 standard weld for hygienic installation (Elastomer-free) diameter = 29mm / 36mm length =
91980834	BEFH-20L Standard weld for hygienic installation (Elastomer-free) with leakage hole Diameter = 29mm / 36mm length =
91980652	BEFH-ball weld 30 for hygienic installation (Elastomer-free) diameter = 35mm
91982125	BVFH-20 thread adapter 1/2 „for BEFH-20
91980651	HEM-10 Liquiphantadapter G1 for Mycrocont MCN4 / KLF