

## ANDERSON NEGELE - CAPACITIVE LEVEL SWITCH - FOOD NCS-M

NCS-M-11, NCS-M-12

NCS-M

- Capacitive level switch
- Measuring range  $D_k \geq 20$
- Operating pressure max 10 bar
- Approvals: FDA; EHEDG; 3-A



### PRODUCT DESCRIPTION

Application/specified usage

Limit detection of fluid also with low or no water content like syrup, fruit concentrates, alcohols and oils with a dielectric constant  $\epsilon_r$  ( $D_k$ )  $\geq 2$

Please refer to the image below for ordering information.

Order Code	
NCS-M-11	(version with standard measurement range, fix adjustment to $D_k \geq 20$ ; process connection CLEANadapt G1/2" hygienic)
NCS-M-12	(version with enhanced measurement range for critical media (e.g. Oil, Fat, ...), fix adjustment to $D_k \geq 2$ ; process connection CLEANadapt G1/2" hygienic)
↓	<b>Response time</b>
	X (standard, response time approx. 1 s)
	S (response time approx. 100 ms)
↓	↓
NCS-M-11 /	S

### TECHNICAL DATA

Approvals	3-A, FDA
Area	Food
Area of application	Food
IP class	IP69K
Length	11 mm

<b>Material</b>	Stainless steel
<b>Material of connection</b>	Stainless steel 1.4305
<b>Material of sensor housing</b>	Stainless steel 1.4305
<b>Material of wetted parts</b>	PEEK
<b>Mounting</b>	Direct Mount
<b>Pressure resistance max</b>	10 bar
<b>Supply voltage dc max</b>	32 V DC
<b>Supply voltage dc min</b>	16 V DC
<b>Surface finish</b>	0.8 µm Ra
<b>Temperature of media from</b>	0 °C
<b>Temperature of media to</b>	115 °C
<b>Weight</b>	100 g