

ANDERSON NEGELE - CAPACITIVE LEVEL SWITCH - FOOD NCS-M

NCS-M-11, NCS-M-12

NCS-M

- Capacitive level switch
- Measuring range $Dk \geq 20$
- 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 ϵ_r (Dk) ≥ 2

Please refer to the image below for ordering information.

Order Code	
NCS-M-11	(version with standard measurement range, fix adjustment to $Dk \geq 20$; process connection CLEANadapt G1/2" hygienic)
NCS-M-12	(version with enhanced measurement range for critical media (e.g. Oil, Fat, ...), fix adjustment to $Dk \geq 2$; process connection CLEANadapt G1/2" hygienic)
↓	Response time
	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

Material	Stainless steel
Material of connection	Stainless steel 1.4305
Material of sensor housing	Stainless steel 1.4305
Material of wetted parts	PEEK
Mounting	Direct Mount
Pressure resistance max	10 bar
Supply voltage dc max	32 V DC
Supply voltage dc min	16 V DC
Surface finish	0,8 µm Ra
Temperature of media from	0 °C
Temperature of media to	115 °C
Weight	100 g