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ANDERSON NEGELE - NSL-F LEVEL SENSOR

Potentiometric

NSL-F-00



- Up to 3000mm length
- Ideal for adhesive and pasty media
- Up to 140°C
- Modular design

PRODUCT DESCRIPTION

The NSL-F is an innovative level sensor that is based on a modular device platform that offers high flexibility in the assembly of individual sensor components. In addition to benefitting from the advantages of a building-block system, users of this replacement of the NSK model will also profit from the reliability with which these sensors provide measurements even in strongly adhesive and foaming media. For example, the device will dependably indicate that a tank is empty even in the presence substantial foam. Because of the short response time, highly precise metering processes can be reliably recognised with the NSL-F even in the case of alternating and pasty media.

Please refer to the image below for ordering information.

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TECHNICAL DATA

Approvals	3-A, FDA
Area	Food
Area of apllication	Food
IP class	IP69K
Length	50 .... 3000 mm
Material	Stainless steel
Material display	Polycarbonate
Material of sensor housing	Stainless steel 1.4308
Material of wetted parts	PEEK, Stainless steel 316L
Measurement technology	Conductive
Mounting	Topmounted, Side-mounted
Pressure resistance max	16 bar
Response time	100 ms

Signal type	IO-link, 4-20 mA
Storage temperature max	85 °C
Storage temperature min	-45 °C
Supply voltage dc max	36 V DC
Supply voltage dc min	18 V DC
Surface finish	0.8 µm Ra
Temperature ambient from	0 °C
Temperature ambient to	70 °C
Temperature of media from	-10 °C
Temperature of media to	140 °C