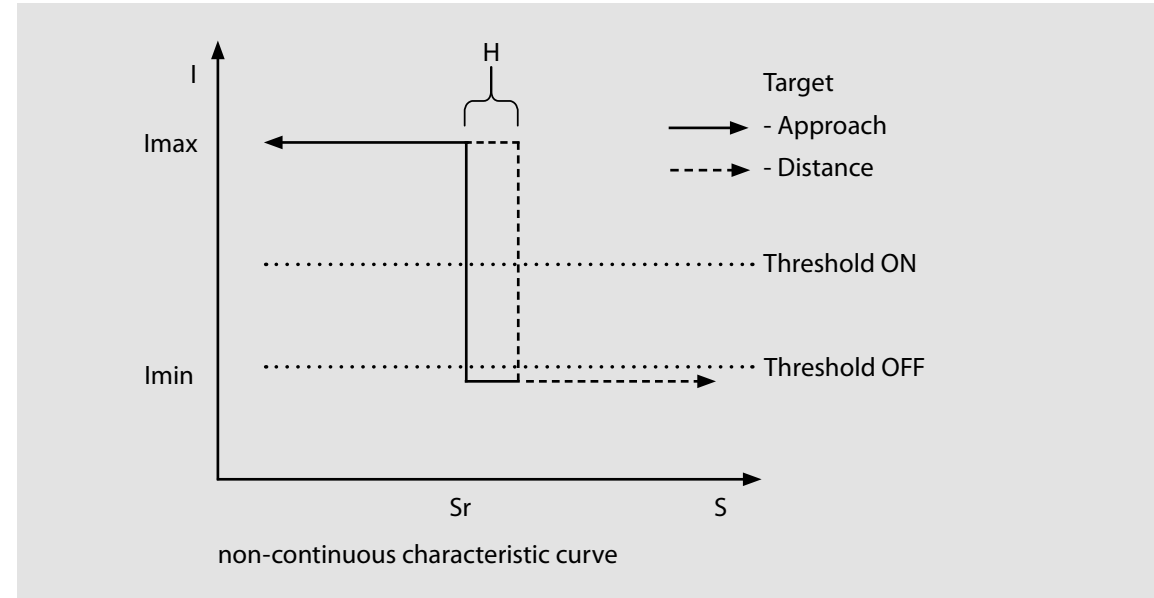
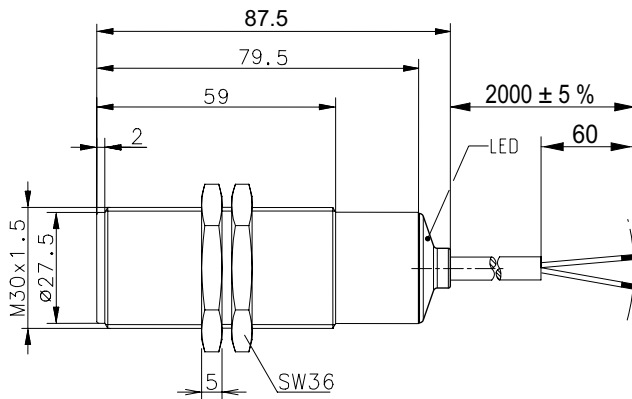


# Capacitive Sensors NAMUR-Sensors



## Good to know ...

By using Namur sensors, short circuits and cable breaks can be detected.

## Technical data NAMUR Type M30

<b>NAMUR DC</b>		<b>6506623001</b>	KCN-T30ES/015-L2
<b>Electrical data</b>			
Type of installation	$S_n$	non-flush	
Nominal sensing distance		15 mm (Characteristic curve acc. to DIN EN 60947-5-6, 5.4 Fig. 2)	
Standard measuring plate		45 mm x 45 mm x 1 mm, material: Fe	
Assured switching distance	$S_a$	0 ... 12 mm	
Repeatability	R	< 5 %	
Nominal voltage	$U_n$	DC 8 V	
Rated operating voltage	$U_e$	DC 5 ... 25 V	
Ripple		≤ 5 %	
Power consumption	I	> 3.5 mA ( $U_n = 8\text{ V}$ und $R_i = 1\text{ k}\Omega$ ) sensing face damping < 1.2 mA ( $U_n = 8\text{ V}$ und $R_i = 1\text{ k}\Omega$ ) sensing face free	
Switching frequency	f	100 Hz	
<b>Mechanical data</b>			
Enclosure material		PBT, black	
End cap		PA 12, transparent	
Ambient temperature		-25 °C ... +70 °C	
Protection class		IP67	
Display		LED, yellow	
Type of connection		Cable 2 x 0.5 mm <sup>2</sup> ; PVC Coating, black	
Fastening aids		2 x hexagon nuts, PA 6.6, black	
<b>EU Conformity</b>			
according to directive 2014/30/EU (EMV-directive)			
<b>EMV</b>			
to EN 60947-5-2			
<b>Remarks</b>			
Overvoltage protection at 10-30 V for 400 ms.			

