



Proximity Sensor, M30, analog,  $S_n=1-12\text{mm}$ , 15-30VDC, 4-20mA, line 2m

**Part no.** E59-A30A112C02-C1  
**Article no.** 166809  
**Catalog No.** E59-A30A112C02-C1

## Delivery program

Basic function			Inductive Sensors
Product range			E59 AccuProx Series
Description			Current output (4 - 20 mA)
Connection			3-wire/4-wire
Design (outer dimensions)		mm	M30 x 1.5
Rated operational voltage	$U_e$		15 - 30 V DC
Rated switching distance	$S_n$	mm	1 - 12
Type of mounting			Flush
Switching type			Analog
For connection of:			2 m connection cable
Material			Stainless steel
Degree of Protection			IP67

## Technical data

### General

Standards			IEC/EN 60947-5-2
Ambient temperature			-40 - +70
Mechanical shock resistance		g	30 Shock duration 11 ms
Degree of Protection			IP67

### Characteristics

Repetition accuracy of $S_n$		%	1
Temperature drift of $S_n$		%	10
Rated operational voltage	$U_e$		15 - 30 V DC
Switching state display		LED	Red
Operating voltage display		LED	Green
Connection			3-wire/4-wire
Style			
Design (outer dimensions)		mm	M30 x 1.5
For connection of:			2 m connection cable
Material			Stainless steel

## Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-40
Operating ambient temperature max.		°C	70

## Approvals

Product Standards			UL 508; CSA-C22.2 No. 14; IEC60947-5-2; CE marking
UL File No.			E166051
UL Category Control No.			NRKH, NRKH7
CSA File No.			50513
CSA Class No.			3211-03
North America Certification			UL listed, CSA certified
Max. Voltage Rating			30 V DC
Degree of Protection			IEC: IP67; UL/CSA Type: 4, 4x, 6, 6P, 12, 13

## Additional product information (links)

[IL05301010Z AccuProx Series Analog Inductive Sensors](#)

