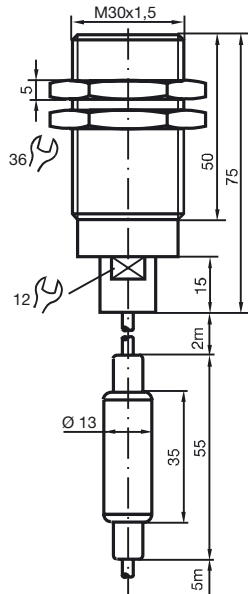


# Inductive proximity switches

SI4/30/200

Temperature range  
0 ... 200 °C  
4 mm embeddable



CE 0102

## General specifications

Switching element function	NAMUR NC
Rated operating distance $s_n$	4 mm
Installation	embeddable
Assured operating distance $s_a$	0 ... 3,04 mm
Reduction factor $r_{AI}$	0,4
Reduction factor $r_{Cu}$	0,3
Reduction factor $r_{V2A}$	0,85

## Nominal ratings

Nominal voltage $U_o$	8 V
Switching frequency $f$	0 ... 1000 Hz
Hysteresis $H$	typ. %
Current consumption	
Measuring plate not detected	■ 3 mA
Measuring plate detected	■ 1 mA

## Standard conformity

EMC in accordance with

## Ambient conditions

Ambient temperature 0 ... 200 °C (273 ... 473 K)

## Mechanical specifications

Connection type	5 m, SIHF-cable
Core cross-section	0.34 mm <sup>2</sup>
Housing material	Stainless steel
Sensing face	PPS
Protection degree	IP65
Note	amplifier -25°C...70°C 2 m Teflon cable between amplifier and oscillator

## General information

Use in the hazardous area	see instruction manuals
Category	1G; 2G

## Connection type:

N / N0

