



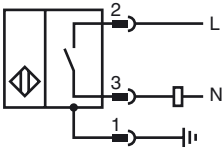
### Model Number

NBB10-30GM75-WS-V13-Y38294

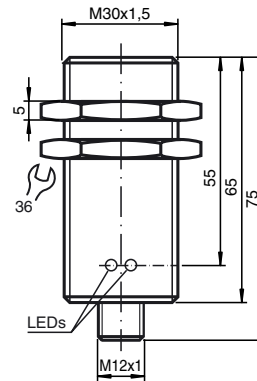
### Features

- 10 mm embeddable

### Connection



## Dimensions



## Technical Data

### General specifications

Switching element function	AC	NO
Rated operating distance	$s_n$	10 mm
Installation		embeddable
Output polarity		AC
Assured operating distance	$s_a$	0 ... 8.1 mm
Reduction factor $r_{Al}$		0.29
Reduction factor $r_{Cu}$		0.26
Reduction factor $r_{303}$		0.71

### Nominal ratings

Operating voltage	$U_B$	20 ... 253 V
Switching frequency	$f$	0 ... 20 Hz
Hysteresis	$H$	typ. 5 %
Voltage drop	$U_d$	$\leq 8$ V
Momentary current (20 ms, 0.1 Hz)		0 ... 1600 mA
Operating current	$I_L$	5 ... 200 mA
Off-state current	$I_r$	0 ... 1.7 mA typ.
Operating voltage display		LED, green
Indication of the switching state		LED, yellow

### Ambient conditions

Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
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### Mechanical specifications

Connection type		Device connector M12 x 1 , 3-pin
Housing material		brass, nickel-plated
Sensing face		PBT
Protection degree		IP67

### Compliance with standards and directives

Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007