



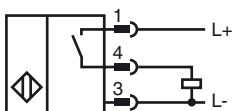
**Model Number**

NMB15-30GM65-E2-V1

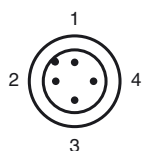
**Features**

- 15 mm flush
- Stainless steel sensing face
- Increased operating distance

**Connection**



**Pinout**



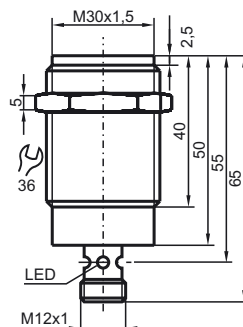
Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

**Accessories**

- V1-G-2M-PUR**  
Cable socket, M12, 4-pin, PUR cable
- V1-W-2M-PUR**  
Cable socket, M12, 4-pin, PUR cable
- AB-30**  
Mounting aid

**Dimensions**

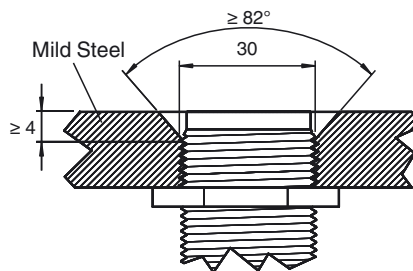


**Technical Data**

General specifications		
Switching element function		PNP NO
Rated operating distance	$s_n$	15 mm
Installation		flush (Requirements: see drawing below)
Output polarity		DC
Assured operating distance	$s_a$	0 ... 12.15 mm
Actuating element		Ferrous and nonferrous targets
Reduction factor $r_{Al}$		0.4
Reduction factor $r_{Cu}$		0.2
Reduction factor $r_{304}$		0.85
Reduction factor $r_{St37}$		1
Nominal ratings		
Operating voltage	$U_B$	10 ... 30 V DC
Switching frequency	$f$	0 ... 150 Hz
Hysteresis	$H$	3 ... 15 typ. 10 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 2$ V
Operating current	$I_L$	$\leq 200$ mA
Off-state current	$I_r$	$\leq 10$ $\mu$ A
No-load supply current	$I_0$	$\leq 10$ mA
Operating voltage display		LED, green
Indication of the switching state		LED, yellow
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		Device connector M12 x 1, 4-pin
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		Stainless steel 1.4305 / AISI 303
Protection degree		IP67 / IP68 / IP69K - cordset dependent according to cable specification
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007

**Approvals and certificates**

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Products with a maximum operating voltage of $\leq 36$ V do not bear a CCC marking because they do not require approval.



Sensor face is flush with mounting surface.

Release date: 2012-12-13 14:34 Date of issue: 2012-12-13 911274\_eng.xml