



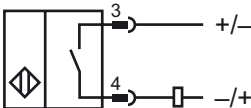
### Model Number

NMB10-30GM65-Z0-NFE-V1

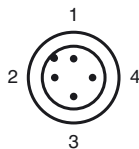
### Features

- Stainless steel sensing face
- Sensing range 10 mm
- 2-wire DC
- Nonferrous targets

### 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

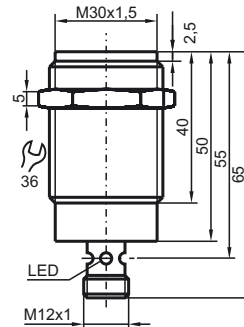
#### V1-W-2M-PUR

Cable socket, M12, 4-pin, PUR cable

#### V1-G-OR2M-POC

Female cordset, M12, 4-pin, TPE cable, welding-bead resistant

### Dimensions



### Technical Data

#### General specifications

Switching element function	DC	NO
Rated operating distance	$s_n$	10 mm
Installation		flush
Output polarity		DC
Assured operating distance	$s_a$	0 ... 8.1 mm
Actuating element		Nonferrous targets
Reduction factor $r_{Al}$		1
Reduction factor $r_{Cu}$		1.1
Reduction factor $r_{304}$		0
Reduction factor $r_{St37}$		0
Reduction factor $r_{Brass}$		0.9

#### Nominal ratings

Operating voltage	$U_B$	6 ... 30 V
Switching frequency	$f$	5 Hz
Hysteresis	$H$	3 ... 15 typ. 10 %
Reverse polarity protection		yes
Short-circuit protection		no
Voltage drop	$U_d$	$\leq 5.5$ V
Operating current	$I_L$	2 ... 100 mA
Off-state current	$I_r$	$\leq 1$ mA

#### Indicators/operating means

Operating display	4-way LED
	Yellow: output

#### Standard conformity

Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007
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#### Ambient conditions

Ambient temperature	-40 ... 70 °C (-40 ... 158 °F)
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#### Mechanical specifications

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

#### 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.