



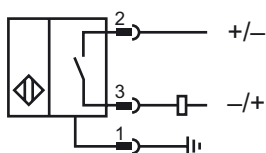
**Model Number**

NMB8-30GM85-US-C-FE-V93

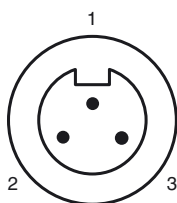
**Features**

- Stainless steel sensing face
- Sensing range 8 mm
- 2-wire AC/DC
- Weld field immune
- Weld slag resistant coating
- Ferrous targets

**Connection**



**Pinout**



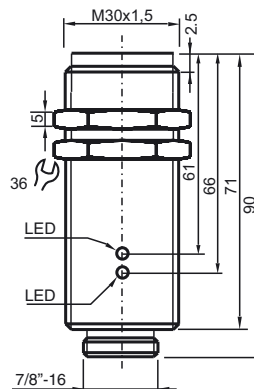
Wire colors

1	GN	(green)
2	BK	(black)
3	WH	(white)

**Accessories**

- V93-G-YE2M-STOOW**  
Female connector, 7/8" - 16 UNF, 3-pin, PUR cable
- AB-30-L3M-C**  
Mounting aid

**Dimensions**



**Technical Data**

General specifications		
Switching element function	AC/DC	NO
Rated operating distance	$s_n$	8 mm
Installation		flush
Output polarity		AC/DC
Assured operating distance	$s_a$	0 ... 6.48 mm
Actuating element		Ferrous targets
Reduction factor $r_{Al}$		0
Reduction factor $r_{Cu}$		0
Reduction factor $r_{304}$		0.4 - 0.7
Reduction factor $r_{Si37}$		1
Reduction factor $r_{Brass}$		0
Nominal ratings		
Operating voltage DC		20 ... 300 V
Operating voltage AC		20 ... 250 V
Switching frequency	f	0 ... 10 Hz
Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protection		tolerant
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 7$ V
Operating current	$I_L$	8 ... 200 mA
Off-state current	$I_r$	$\leq 1.3$ mA
Operating voltage display		LED, green
Indication of the switching state		LED, yellow
Fault indication		LED, green/yellow (Alternate Flashing) - Short circuit/overload indication
Mag. Field strength, AC fields		250 mT
Mag. Field strength, DC fields		250 mT
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		Device connector 7/8"-16 UN , 3-pin
Housing material		Xylan coated - Stainless steel 1.4305 / AISI 303
Sensing face		Xylan coated - Stainless steel 1.4305 / AISI 303
Protection degree		IP67
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		Certified by China Compulsory Certification (CCC)

Release date: 2012-11-22 14:58 Date of issue: 2012-11-22 905005\_eng.xml