



**Model Number**

**NMB5-18GM85-US-FE-V93**

**Features**

- **Stainless steel sensing face**
- **Sensing range 5 mm**
- **2-wire AC/DC**
- **Ferrous targets**

**Accessories**

**V93-G-YE2M-STOOW**  
Female cordset, 7/8" - 16 UNF, 3-pin, PUR cable  
**AB-18**  
Mounting aid

**Technical Data**

**General specifications**

Switching element function		AC/DC	NO
Rated operating distance	$s_n$	5 mm	
Installation		flush	
Output polarity		AC/DC	
Assured operating distance	$s_a$	0 ... 4.05 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 $r_{S37}$		1	
Reduction factor $r_{Brass}$		0	

**Nominal ratings**

Operating voltage DC	$U_B$	20 ... 300 V
Operating voltage AC	$U_B$	20 ... 250 V
Switching frequency	$f$	15 Hz
Hysteresis	$H$	3 ... 15 typ. 5 %
Reverse polarity protection		yes
Short-circuit protection		yes
Voltage drop	$U_d$	$\leq 7$ V
Operating current	$I_L$	8 ... 200 mA
Off-state current	$I_r$	$\leq 1.3$ mA
Error indicator		LED, green/yellow (Alternate Flashing) - Short circuit/overload indication

**Indicators/operating means**

Operation indicator	Dual LED	Green: power Yellow: output
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**Ambient conditions**

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

Connection type	Connector 7/8"-16 UN , 3-pin
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	Stainless steel 1.4305 / AISI 303
Degree of protection	IP67

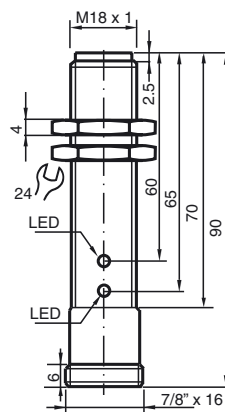
**Compliance with standards and directives**

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

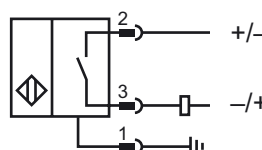
**Approvals and certificates**

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)

**Dimensions**

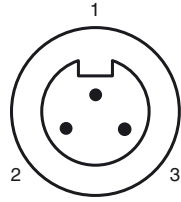


**Electrical Connection**



Release date: 2015-02-24 10:29 Date of issue: 2015-02-24 900132\_eng.xml

Pinout



Wire colors

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