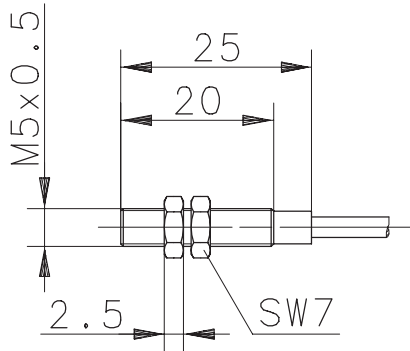


Type: **KIB-M05EA/001-3**

Art.-Nr.: **660.1699.196**

25.07.03/0295-03



Allgemeine Kenndaten

Gehäuse	Messing, vernickelt
Normen	DIN 19234 / Namur
Schutzart	IP 67
Umgebungstemperatur	-25 °C bis +70 °C
Schwingbeanspruchung	10-55 Hz, a = 1 mm
Schockbeanspruchung	30 g, t _{stoß} = 11 ms
Anschluß / Leitungseingang	Kabel PVC-Mantel, blau 2 x 0,14 mm ² x 3 m

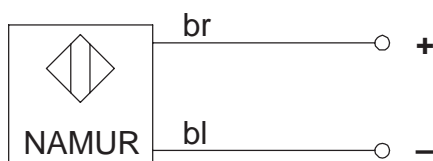
Sonderheiten

Spezielle Kenndaten

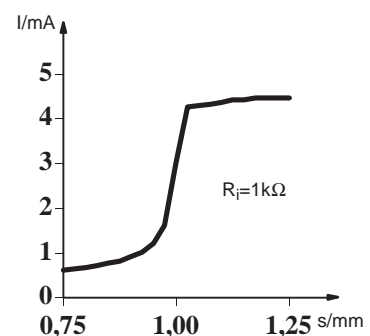
Bemerkungen

Einbauart		bündig	
Nennschaltabstand	s _n	1 mm	
Reproduzierbarkeit	R	< 5 %	
Schalthysterese	H	≤ 10 %	
Normmeßplatte	1 mm Fe	5 × 5 mm	
Betriebsspannung	U	5 ... 30 V	
Restwelligkeit		≤ 5 %	
Schaltfrequenz	f	≈ 3 kHz	
Nennspannung		8 V DC	R _i ca. 1 kΩ
Eigeninduktivität		30 µH	
Eigenkapazität		15 nF	
Stromaufnahme, aktive Fläche frei		> 3 mA	
Stromaufnahme, aktive Fläche bedeckt		< 1 mA	

Normsymbol / Anschluß



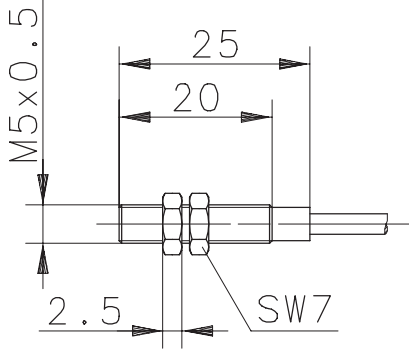
Stromkennlinie



Type: **KIB-M05EA/001-3**

Art.-No.: **660.1699.196**

25.07.03/0295-03



General Features

housing	brass, nickel plated
standards	DIN 19234 / Namur
protection	IP 67; NEMA 4
operating temperature	-25 °C ... +70 °C
vibratory stresses	10-55 Hz, a = 1 mm
schock resistance	30 g, t _{stoß} = 11 ms
termination type	cable PVC-outer jacket, blue 2 x 0,14 mm ² x 3 m

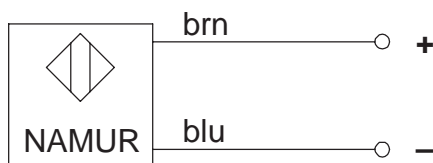
Options

Characteristics

Remarks

mounting		flush	
sensing range	s _n	1 mm	
repeat accuracy	R	< 5 %	
hysteresis	H	≤ 10 %	
standard target	1 mm Fe	5 × 5 mm	
operating voltage	U	5 ... 30 V	
ripple		≤ 5 %	
frequency of operating cycles f		≈ 3 kHz	
rated voltage		8 V DC	R _i 1 kΩ
self-inductance		30 μH	
self-capacitance		15 nF	
current input, sensing face free		> 3 mA	
current input, sensing face damping		< 1 mA	

symbol / wiring



current characteristics

