

**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

**Isometric**  
 Scale 1:1  
 Maßstab 1:1

**Cable**  
 single wires AWG30, black  
 UL-Style 1692, 105°C, 30V  
 Ø 0.6 ± 0.05 mm  
 Einzellitzen AWG30, schwarz  
 UL-Style 1692, 105°C, 30V  
 Ø 0.6 ± 0.05 mm

**Terminals/Connector**  
 ends tinned  
 Enden verzinkt

**Schematic**

**Marking**  
 according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte

mechanically stress not allowed  
 Sensorgehäuse darf nicht mechanisch belastet werden

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20 °C	22		30	AT
Test equipment		KMS-03			

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - No.		80			
Contact - form		A - NO			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			30	V
Carry current	DC or Peak AC			0,5	A
Switching current	DC or Peak AC			0,5	A
Sensor-resistance	measured with 40% overdrive			280	mOhm
Housing material		PBT 30%GF			
Case colour		black			
Sealing compound		Polyurethan			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature	cable not moved	-30		80	°C
Operating temperature	cable moved	-5		80	°C
Storage temperature		-30		80	°C
Reach / RoHS conformity		yes			

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a resistor is recommended.			