

## Preliminary Datasheet

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

**Isometric**  
 Scale 1:2  
 Maßstab 1:2

**Housing**

Material: PBT

**Cable**  
 single wires AWG24, black  
 UL-Style 1569  
 Einzellitzen AWG24, schwarz  
 UL-Style 1569

**Terminals/Connector**  
 ends tinned  
 Enden verzinkt

**Schematic**

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

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C				AT
Test equipment			KMS-18 + PH014		

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (>20 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	A

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - form			A - NO		
Sensor-resistance	measured with 40% overdrive			350	mOhm
Housing material			PBT glass fibre reinforced		
Case colour			black		
Sealing compound			Polyurethan		
Reach / RoHS conformity			yes		

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature	cable not moved	-30		70	°C
Operating temperature	cable moved	-5		70	°C
Storage temperature		-30		70	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable type			single wires		
Cable material			PVC		
Cross section			AWG 24		

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a resistor is recommended.			
Tightening torque				1	Nm