

Products for tomorrow...

Preliminary Datasheet

MEDER MK18-E YMP

MEDER-Label, Type
 Production code EN 60062/
 factory code/circuit diagram
 MEDER-Logo, Typ
 Produktionscode
 EN60062/Fertigungsstätte/Schaltbild

CABLE: single wires LIYV/Z, 0.14mm²
 colour black
 ends stripped and tinned
 Einzellitzen LIYV/T, 0.14mm²
 Farbe schwarz
 Enden 5+/-1 abisoliert und verzinkt

tolerances according to DIN ISO 2768 m

Aufdruck/markung not on the plane side

circuit diagram
 Schaltbild

Magnetic properties	Conditions	Min	Typ	Max	Unit
Test-Coil	Reed switch unmodified		KMS-01		
Pull-In	at 20°C	999		999	AT
Test equipment			KMS-13		

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - No.			87		
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			180	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			230	mOhm
Housing material			PBT glass fibre reinforced		
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.		