

Solenoid coil VACF-B-R3-1RAL

Part number: 8150873



 General operating condition

Data sheet

Feature	Value
Actuation type	Electrical
Mounting position	Any
Conforms to standard	IEC 61010-1 ISO 20401
Signal status display	LED
Duty cycle	100%
Insulation class	H
Enameled wire insulation class	H
Nominal pick-up current per solenoid coil	138 mA to 70 ms
Nominal current with current reduction	50 mA after 70 ms
Coil characteristics	24VDC:NS1,2:HS3.3
Permissible voltage fluctuations	+/- 10 %
Certification	c UL us - Recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Certificate issuing authority	UL MH18122
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-20 °C ... 60 °C
Degree of protection	IP65
Ambient temperature	-20 °C ... 60 °C
Product weight	49.5 g
Max. cable length	30 m
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	2
Electrical connection for input 1, connection pattern	00995862
Electrical connection 1, type of mounting	Screw-type lock
Type of mounting	With knurled nut
Note on materials	RoHS-compliant
Housing material	PA Steel
Solenoid coil material	Copper Steel Thermoplastic

Feature	Value
Material of winding	Copper