

Technical Data

Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Overload resistance		yes
Wire breakage protection		yes
Inductive overvoltage protection		yes
Surge suppression		yes
Ripple		≤ 10 %
Voltage drop	U_d	≤ 1.5 V
Repeat accuracy	R	0.01 mm
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.1 mA
No-load supply current	I_0	≤ 5 mA
Time delay before availability	t_v	≤ 1 ms
Switching state indicator		LED, yellow
Functional safety related parameters		
MTTF _d		1354 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Ambient conditions		
Ambient temperature		-25 ... 85 °C (-13 ... 185 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Connection type		cablE PUR , 2 m
Core cross-section		0.14 mm ²
Housing material		brass, nickel-plated
Sensing face		POM
Degree of protection		IP67
Mass		40 g

Connection

