

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol		Unit
Supply voltage	V_B	12	V
Isolation voltage	V_{ISOL}	2	kV
Measurable current	I_M	10	A
Operating temperature range	T_{amb}	-40 to +120	°C
Storage temperature range	T_{stg}	-65 to +120	°C

ELECTRICAL CHARACTERISTICS (at $T_{amb} = 25\text{ °C}$ unless otherwise stated)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test conditions
Bridge resistance	R_{br}	1.2	1.7	2.2	$k\Omega$	
Offset voltage	V_{Off}	-	-	± 2	mV/V	
Open circuit sensitivity	S	-	0.5	-	(mV/V)/A	
Resistance of the conductor	R	-	0.7	-	$m\Omega$	
Operating frequency	f_{max}	-	-	100	kHz	
Temperature coefficient of open circuit sensitivity	T_C	-	-	-0.3	%/K	

Devices are identified by type on the body of the device

ZMC10 ZMC10

Ordering information:

ZMC10 in boxes (10 components per box)

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