



## IT filter (1014-289) IT ground isolation filter

### FEATURES

- Connects between the MGFL100 transmitter's output and the circuit with the earth/ground fault.
- Isolates the MGFL100 transmitter from the AC circuit and allows injection of a 5.12 Hz trace signal.
- When used in conjunction with the capacitive pickup, it will allow the MGFL100 receiver to identify and alarm when placed on the circuit with the earth/ground fault.

### SPECIFICATIONS

<b>Filter resistance</b>	150 Ω
<b>Filter capacitance</b>	
Shunt Capacitance	2.5 µfd
Series Capacitance	20 µfd
<b>Filter inductance</b>	48 H
<b>Operating frequency range</b>	15 Hz to 70 Hz
<b>Operating voltage range</b>	0-600 V RMS
<b>Environmental</b>	
Operating	0 °C to 50 °C (32 °F to 122 °F)
Storage	-20 °C to 60 °C (-4 °F to +140 °F)
Relative humidity	0-95 % non-condensing
Altitude	2000 m
<b>Case</b>	IP51 Ruggedized plastic case
<b>Safety/EMC/Vibration</b>	Meets the requirements of IEC61010-1, CE, CAT IV 600
<b>Weight/Dimensions</b>	
<b>Dimensions</b>	25.4 cm x 13.34 cm x 17.27 cm (10 in" x 5.25 in" x 6.8 in")
<b>Weight</b>	5.10 kg max (11.25 lbs max)
<b>Compliance</b>	IEC61010 CE Certified

### ORDERING INFORMATION

Item (QTY)	Cat. No.	Accessories
Catalog Number		
IT Filter	1014-289	

Includes: IT Filter, filter to transmitter connection lead, and operations manual.