BIDIRECTIONAL CURRENT TRANSDUCTOR
SERIES 909M4
REMOVEABLE YOKE TYPE

PART
NUMBER
909M4-150
909M4-250
909M4-500
909M4-750
909M4-1000
909M4-1500
909M4-2000
909M4-2500

INPUT CURRENT
0 TO ±150
0 TO ±250
0 TO ±500
0 TO ±750
0 TO ±1000
0 TO ±1500
0 TO ±2000
0 TO ±2500

CURRENT RANGES
Amps DC, See Table
100 times FS

ISOLATION
1KV RMS 60Hz Non-Insulated cable
5KV RMS with Insulated Cable

OUTPUT VOLTAGE SIGNAL
0 to ±5Vdc FS

ACCURACY
±1% FS

RESPONSE
200 μ-sec. max.

TEMPERATURE COEFFICIENT
±0.02% FS/°C max.

OUTPUT IMPEDANCE
100 Ohms max.

OUTPUT PROTECTION
Short circuit continuously

POWER SUPPLY
SUPPLY VOLTAGE
±15Vdc or +12 to +28Vdc

SUPPLY CURRENT
± 25mA max.

PROTECTION
Reverse Polarity Protection

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS
OPERATING TEMPERATURE RANGE
-40° to +85°C

STORAGE TEMPERATURE RANGE
-55° to +85°C

ISOLATION
Input/Output/Case
Supply & Output RTN's are common

CASE MATERIAL (Molded Plastic)
UL flammability rating 94V-0

WEIGHT
17 oz. max.

TERMINAL IDENTIFICATION
BARRIER +/-15VDC POWER +24VDC POWER CONNECTOR
1 OUTPUT SIGNAL (+) OUTPUT SIGNAL (+) A
2 SUPPLY & OUTPUT (RTN) SUPPLY & OUTPUT (RTN) B
3 SUPPLY VOLTAGE (+) SUPPLY VOLTAGE (+) C
4 SUPPLY VOLTAGE (-) NOT USED D
NA SPARE SPARE E

ORDERING INFORMATION
909M4 - 1000 - C
SERIES CURRENT RANGE TERMINATION
Blank: Terminal Barrier
C: Connector

CONNECTOR OPTION:
ADD "-C" AFTER PART NUMBER. CONNECTOR TYPE PT02E-10-6P-023 OR EQUIV. MATING CONNECTOR PT06A-10-6S-424.

BARRIER STANDARD:
MOLDED TERMINAL BARRIER WITH 6-32 TERMINAL Screws
AND .375 CENTER DISTANCES TERMINALS ACCEPT WIRE SIZE
UP TO #16 AWG WITH LUGS TO .281 IN. WIDE.

Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

Cage Code Ident. No. 15948
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