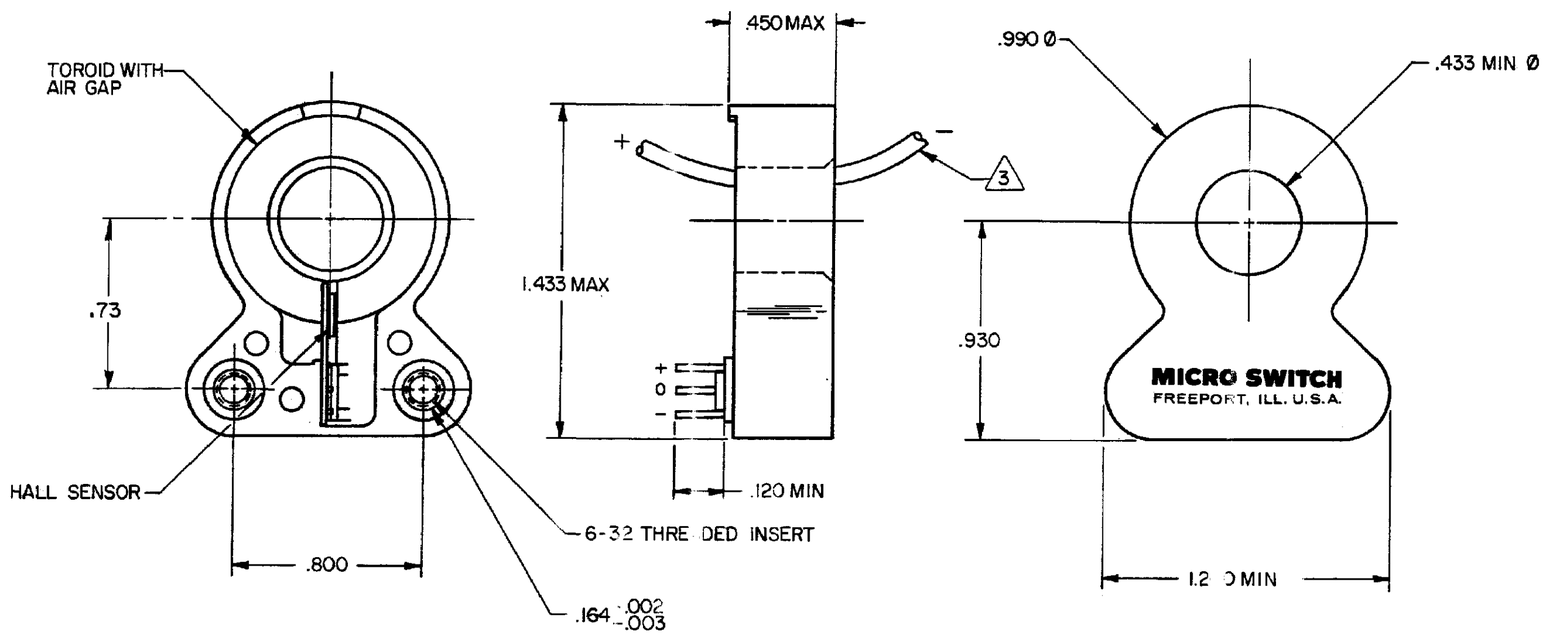
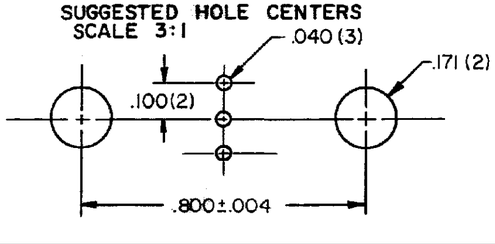
| PARAMETER | MIN | TYP | MAX | UNITS | CONDITIONS/REMARKS |
|---|---|---|---|---|---|
| SUPPLY VOLTAGE | 5.4 | 8.0 | 13.2 | VOLTS | -25°C TO 85°C |
| SUPPLY CURRENT | | 13 | 20 | mA | MAX @ -25°C, TYP @ 25°C, Vs = 8.0V, EXCLUDES LOAD |
| OUTPUT CURRENT | 1 | | | mA | SINKING OR SOURCING |
| OUTPUT VOLTAGE SWING | (-V)+1.25 | | (+V)-1.25 | VOLTS | MAX CLAMPED @ 9.0 VOLTS MIN |
| SENSITIVITY | 24.0 | | 28.1 | mV/NI | @ Vs = 8.0 V & 25°C △5 |
| LINEARITY | | .5 | 1.0 | % OF SPAN | DEV FROM STR LINE FROM -I MAX TO +I MAX △1 |
| Vout @ Ø NI | .5(Vs)-2% | | .5(Vs)+2% | VOLTS | 25°C |
| TEMP ERROR - NULL | -.02 | | +.02 | %/°C | -25°C TO 85°C |
| TEMP ERROR - GAIN | -.06 | | +.01 | %/°C | -25°C TO 85°C |




NOTES
△1 SUGGESTED I MAX FOR LINEAR OPERATION IS 92 AMPS
2 - RECOMMENDED MOUNTING IS .250 LONG 6-32 SCREW
△3 CONVENTIONAL CURRENT FLOW IN DIRECTION INDICATED WILL CAUSE AN INCREASE IN OUTPUT VOLTAGE
4 - THE DEVICE CANNOT BE DAMAGED BY MAGNETIC OVERDRIVE
△5 AT Vs OTHER THAN 8.0 VOLTS, SENSITIVITY = (NUMBER SHOWN) X Vs/8

SUGGESTED HOLE CENTERS
SCALE 3:1




CAUTION ELECTROSTATIC SENSITIVE DEVICES
DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION
ESD SENSITIVITY: CLASS 3

MASTER REDUCED

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FED. MFG. CODE 91929

92 AMP CURRENT SENSOR

CATALOG LISTING
CSLA2GE

THIRD ANGLE PROJECTION
SCALE FULL
DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

| | | |
|---|---|---|
| ONE PLACE | (.0) | ±.030 |
| TWO PLACES | (.00) | ±.015 |
| THREE PLACES | (.000) | ±.005 |
| ANGLES | | ± |

WEIGHT

DRAWING NUMBER CSLA2GE
PAGE 1 OF 1
ISSUE 6
RELEASE NO. PR-15278
REPLACES
REVISIONS
A CO-95704 DLM 20 MAR 00
CHECK
CHECK 20 MAR 00
CHECK SAV
CHECK 20 MAR 00
DRAWN DLM 20 MAR 00
FORMTEK