

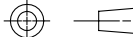
	MIN	TYP	MAX	REMARKS
SUPPLY CURRENT 		2.5 mA	13.5 mA	V _S = 6-24 VOLTS 
OUTPUT VOLTAGE  (OPERATED)		0.25 V	0.4 V	SINKING 20 mA MAX
OUTPUT LEAKAGE  CURRENT (RELEASED)			10 μ A	LEAKAGE INTO SWITCH OUTPUT
OUTPUT SWITCHING TIME				
RISE TIME 		0.2 μ SEC	1.5 μ SEC	10% TO 90%
FALL TIME		0.1 μ SEC	0.5 μ SEC	90% TO 10%

SWITCH SYMBOL

BLOCK DIAGRAM SHOWING CURRENT SINKING OUTPUTS

NOTES

- ① FLUX ENTERING THE SOUTH POLE OR THE NORTH POLE OF THE MAGNET WILL OPERATE THE SENSOR WHEN MAGNET IS POSITIONED AS SHOWN IN FIGURE 2. THIS ASSUMES THE CONVENTION THAT THE DIRECTION OF THE EXTERNAL FLUX OF A MAGNET IS FROM THE NORTH TO THE SOUTH POLE OF THE MAGNET.
- ② 0.5mm² GAUGE PVC INSULATED CONDUCTORS WITH MOLDED PVC JACKET
- ③ DATE CODE LOCATED IN THIS AREA
- ④ AT 24±2°C
- ⑤ AT SUPPLY VOLTAGE OF 6 TO 24 VOLTS AND TEMPERATURE RANGE OF -40 TO 85°C
- ⑥ CATALOG LISTING LOCATED IN THIS AREA
- ⑦ V_s IS THE UNREGULATED SUPPLY VOLTAGE
- 8 - THE MAGNETIC CHARACTERISTICS OF THE SWITCH MAY BE AFFECTED BY STRAY MAGNETIC FIELDS
- ⑨ PACKARD ELECTRIC WEATHER PACK CONNECTOR INCLUDING CONNECTOR HOUSING NO. 12010791
- 10 SLIGHT ROTATION OF SENSOR MAY BE REQUIRED TO ACHIEVE MAXIMUM SENSITIVITY

THIRD ANGLE PROJECTION		
		
SCALE	3 : 1	
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±
WEIGHT		

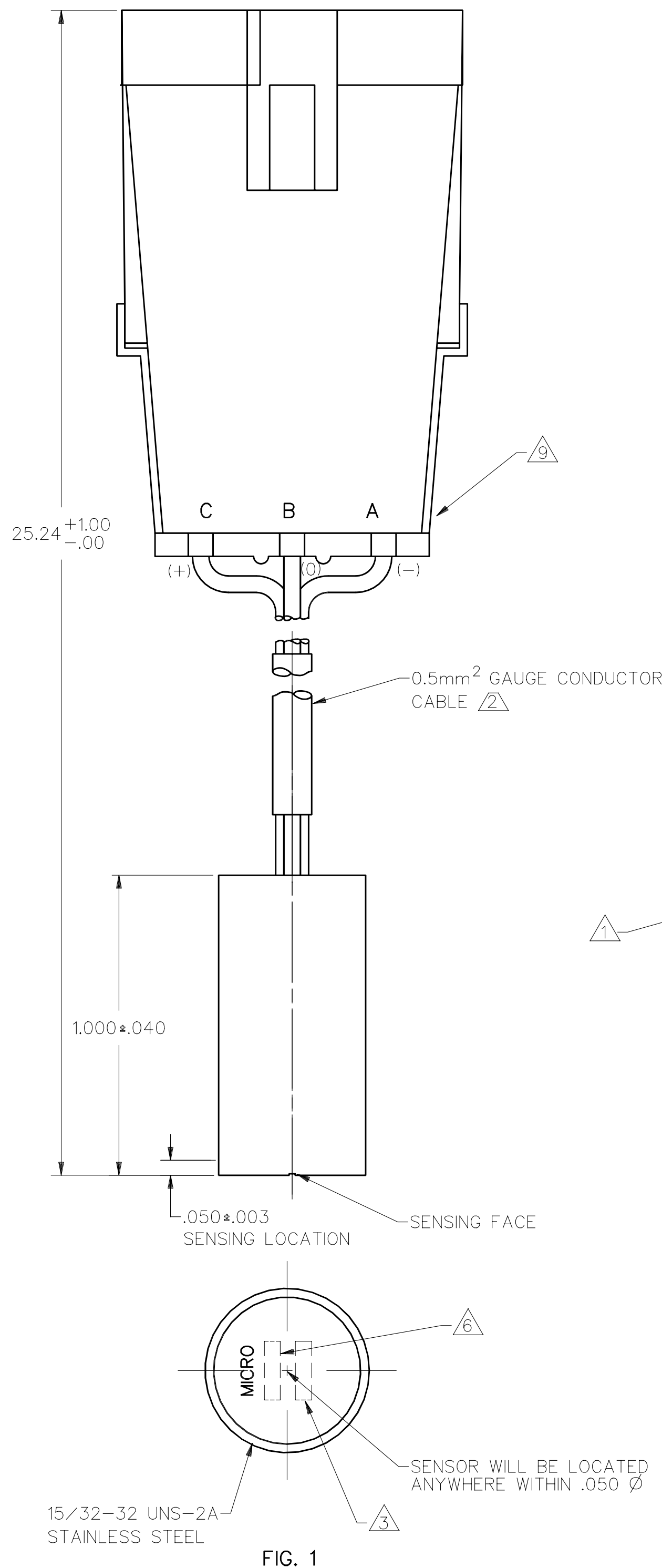
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MAGNETICALLY OPERATED CYLINDRICAL MAGNETO RESISTIVE SWITCH

CATALOG LISTING
SR4P2-C3

WEIGHT



MASTER REDUCED
ANSI Y14.5M-1982 APPLIES