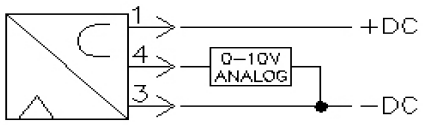
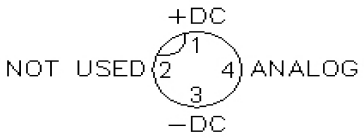
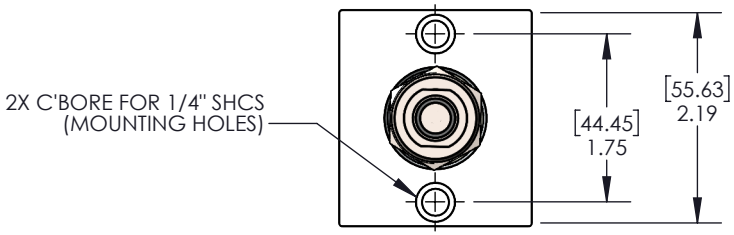
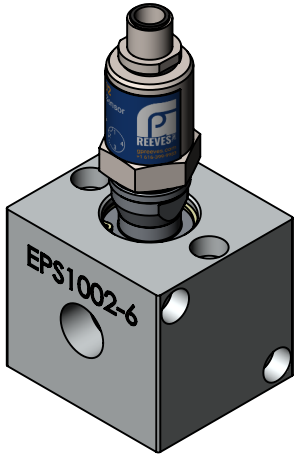
Electrical



View of male pin connector







3D Model Available

EPS1002 ELECTRONIC PRESSURE SENSOR SPECIFICATIONS

Pressure Range 0 – 3,000 p.s.i. **Power Supply** 14 – 36v DC

Over Pressure Safety 6,000 p.s.i. **Maximum Load R_A** R_A > 5 kOhm

Burst Pressure 7,977 p.s.i. **Accuracy (% of span)** < 0.4 (BFSL)

Wetted Parts Material Stainless Steel **Material Temperature** -40 – +257° F.

Ambient Temperature -40 – +212° F.

Signal Output 0 – 10 V, 3-wire **Response Time (10 … 90%)** < 2 ms

Connector M12 x 1, 4-pin (Micro style) **Weight** Approx. 70g

REFERENCE DOCUMETATION:
-KA6178 PCL Program

EPS1002-6:
Electronic Pressure Sensor -(0-3000 p.s.i.), SAE 04 Male Pressure Fitting,Includes mounting block with 3/8" NPT inlet and outlet port, 0 to 10 Volt Output, 4 Pin Micro connector. Includes a sample program for use with A-B Micrologix PLC. This sensor requires an analog input to the user's PLC.

Sales Drawing

Note: All Hole Depth Dimensions Are To The Full Diameter Unless Otherwise Specified.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±1/16
ONE PLACE DECIMAL ±.1/32
TWO PLACE DECIMAL ±0.010
THREE PLACE DECIMAL ±0.003

NOTE: ALL SURFACES TO BE MACHINED

MATERIAL:

FINISH 64 ALL MACHINED SURFACES UNLESS OTHERWISE SPECIFIED

	NAME	DATE
MODELED	JMH	9/02/16
DETAILED	JMH	9/02/16

G. P. REEVES INC.
12764 GREENLY ST.
HOLLAND, MI 49424

DESCRIPTION:
Electronic Pressure Sensor

SIZE	DWG. NO.	REV
A	EPS1002-6	

SCALE: 2:3 | WEIGHT: | SHEET 2 OF 3