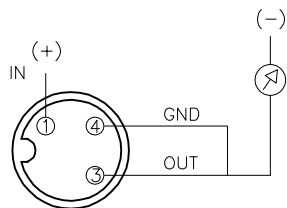


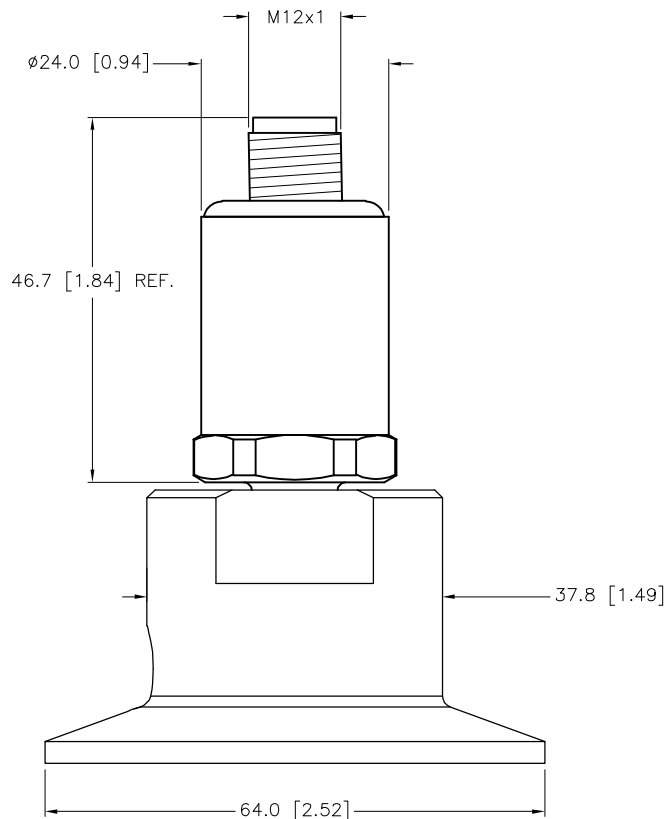
## WIRING DIAGRAM



3-WIRE (0-10V)

## SPECIFICATIONS

|                             |                              |
|-----------------------------|------------------------------|
| OPERATING RANGE             | 0-4 BAR (0-58 PSI)           |
| PERMISSIBLE OVERPRESSURE    | ≤ 12 BAR (≤ 174 PSI)         |
| ACCURACY                    | ±0.3% FULL SCALE             |
| MEDIUM TEMPERATURE          | -40...125°C (-40...257°F)    |
| OPERATING VOLTAGE           | 12-33 VDC                    |
| OUTPUT                      | 0-10 VDC                     |
| CURRENT CONSUMPTION         | ≤ 7 ma                       |
| DYNAMIC RESPONSE            | < 2 ms                       |
| SHORT CIRCUIT PROTECTION    | YES                          |
| REVERSE POLARITY PROTECTION | YES                          |
| DEGREE OF PROTECTION        | IP67 / III                   |
| HOUSING MATERIAL            | 316 SST/POLYARYLAMIDE 50% GF |
| ELECTRICAL CONNECTION       | M12x1                        |
| FLUID CONNECTION            | 2.0" TRI-CLAMP               |
| SHOCK RESISTANCE            | 40G FOR 6MS, PER IEC 68-2-29 |
| VIBRATION RESISTANCE        | 20G, 15 mm per IEC 68-2-6    |
| WETTED MATERIAL             | 316L SST                     |
| FILL FLUID                  | NEOBE M20                    |

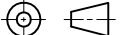


SOURCE DRAWING - FOR REFERENCE ONLY

## NOTES:

1. "/S1605" DESIGNATES PRESSURE SENSOR WITH
  - 2" TRI-CLAMP DIAPHRAGM SEAL
  - MATERIAL 316L
  - FILL FLUID NEOBEE M20.

2. DIMENSIONS ARE REFERENCE AND SUBJECT TO CHANGE WITHOUT NOTICE.

|                                                           |  |                                                                                       |  |                                                                                                                                                        |  |                                                                                                                                      |  |       |  |          |  |                                             |  |                                     |  |  |  |              |  |              |  |
|-----------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|----------|--|---------------------------------------------|--|-------------------------------------|--|--|--|--------------|--|--------------|--|
| RELATED DOCUMENTS<br><br>1.<br><br>2.<br><br>3.<br><br>4. |  | 3RD ANGLE PROJECTION                                                                  |  | <div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> <div>TURCK</div> |  | <div>3000 CAMPUS DRIVE<br/>MINNEAPOLIS, MN 55441<br/>1-800-544-7769<br/>(763) 553-7300<br/>(763) 553-0708 fax<br/>www.turck.us</div> |  |       |  |          |  |                                             |  |                                     |  |  |  |              |  |              |  |
|                                                           |  |  |  |                                                                                                                                                        |  |                                                                                                                                      |  |       |  |          |  |                                             |  |                                     |  |  |  |              |  |              |  |
| MATERIAL                                                  |  | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY                       |  | DRFT                                                                                                                                                   |  | ER                                                                                                                                   |  | DATE  |  | 07/07/20 |  | DESCRIPTION<br><br>PT4R-1003-U1-H1144/S1605 |  |                                     |  |  |  |              |  |              |  |
| SEE NOTES                                                 |  |                                                                                       |  | APVD                                                                                                                                                   |  | T.S.                                                                                                                                 |  | SCALE |  | 1=1.0    |  |                                             |  |                                     |  |  |  |              |  |              |  |
| FINISH                                                    |  |                                                                                       |  | CONTACT TURCK FOR MORE INFORMATION                                                                                                                     |  | UNIT OF MEASUREMENT                                                                                                                  |  |       |  |          |  |                                             |  | IDENTIFICATION NO.<br><br>100021505 |  |  |  |              |  | REV<br><br>B |  |
| SEE NOTES                                                 |  |                                                                                       |  |                                                                                                                                                        |  | MILLIMETER [ INCH ]                                                                                                                  |  |       |  |          |  |                                             |  |                                     |  |  |  |              |  |              |  |
|                                                           |  |                                                                                       |  | DO NOT SCALE THIS DRAWING                                                                                                                              |  |                                                                                                                                      |  |       |  |          |  | FILE: 100021505                             |  |                                     |  |  |  | SHEET 1 OF 1 |  |              |  |

SHEET 1 OF 1