

|                        |                                 |         |
|------------------------|---------------------------------|---------|
| <b>Data sheet for:</b> | <b>DIFF. PRESS. TRANSMITTER</b> | Tag No. |
|------------------------|---------------------------------|---------|

|                |                       |                      |
|----------------|-----------------------|----------------------|
| <b>GENERAL</b> | SERVICE               | DPT                  |
|                | LINE / VESSEL NUMBER  |                      |
|                | FUNCTION              | D/P TRANSMITTER      |
|                | MOUNTING / ENCLOSURE  | BRACKET - 2" PIPE    |
|                | POWER SUPPLY / OUTPUT | 24 VDC, LOOP POWERED |
|                | AREA CLASSIFICATION   | ZONE 2, GROUP IIA    |

|                     |                            |                |
|---------------------|----------------------------|----------------|
| <b>PROCESS DATA</b> | FLUID                      | OIL DISTILLATE |
|                     | PRESS. MAX. / PRESS. OPER. | 20 BarG        |
|                     | TEMP. MAX. / TEMP. OPER.   | 50 °C          |
|                     | OPER. S.G / OPER. VISC.    | 0.6-0.9 g/cm3  |
|                     | VACUUM SERVICE             |                |

|             |                                        |                  |
|-------------|----------------------------------------|------------------|
| <b>UNIT</b> | MEASURING RANGE                        | 0-2 BAR          |
|             | CALIBRATION                            | 0-960mbar H2O    |
|             | ACCURACY                               | ±0.1%            |
|             | ELEVATION / SUPPRESSION                |                  |
|             | ELEMENT TYPE / MATERIAL                | CAPAC. CELL      |
|             | BODY RATING / MATERIAL                 | 3000 PSI         |
|             | PROCESS FLANGES - MATERIAL / SITE VENT | 316 ST.ST. / YES |
|             | WETTED O-RING MATERIAL                 | VITON            |
|             | DIAPH. MATERIAL & FILL FLUID           | ST.ST.           |
|             | BOLTS / HOUSING                        | SST 316          |
|             | PROCESS CON'N / ELEC. CON'N            | 1/2" NPT         |
|             | ELECTRICAL CONDUIT                     | 1/2" NPT         |

|                    |                             |  |
|--------------------|-----------------------------|--|
| <b>DIAPH. SEAL</b> | LOW SIDE CON'N / RATING     |  |
|                    | HIGH SIDE CON'N / RATING    |  |
|                    | DIAPHRAM MATERIAL           |  |
|                    | UPPER HOUSING MATERIAL      |  |
|                    | LOWER HOUSING MATERIAL      |  |
|                    | FILL FLUID                  |  |
|                    | CAPILLARY MATERIAL          |  |
|                    | CAPIL. TYPE / CAPIL. LENGTH |  |
|                    | FLUSHING CONNECTION         |  |

|                |                             |                              |
|----------------|-----------------------------|------------------------------|
| <b>OPTIONS</b> | INTEGRAL METER / ENG. UNITS | YES                          |
|                | LOCAL DISPLAY               | YES                          |
|                | SAFETY CERTIFACTION         | SIL 2 ACCORDING TO IEC 61508 |
|                | CALIBRATION                 | YES INCLUDING DISPLAY        |
|                | CERTIFICATION               | ZONE 2 Eex ia IIC T6         |

|                 |                    |                           |
|-----------------|--------------------|---------------------------|
| <b>PURCHASE</b> | MANUFACTURER       | ABB SIEMENS YOKOGAWA SMAR |
|                 | PURCHASE ORDER NO. |                           |
|                 | MODEL              |                           |
|                 | SERIAL NUMBER      |                           |
|                 | REMARKS            |                           |

|              |                                                             |
|--------------|-------------------------------------------------------------|
| <b>NOTES</b> | 1. SAFETY CERTIF. IS REQUIRED FOR EACH TRANSMITER           |
|              | 2. WITH LOCAL SETTING OF ZERO AND SPAN                      |
|              | 3. DTM ON MEDIA FOR HART CONFIGURATION OR SPECIFIC SOFTWARE |
|              |                                                             |

|      |      |             |    |     |     |                    |
|------|------|-------------|----|-----|-----|--------------------|
|      |      |             |    |     |     | גיה בע"מ           |
|      |      |             |    |     |     |                    |
|      |      |             |    |     |     |                    |
|      |      |             |    |     |     |                    |
| REV. | DATE | DESCRIPTION | BY | CHK | APP | DATA SHEET : PDT01 |
|      |      |             |    |     |     | REF P&ID:          |

:

IP 67  
4-20 mA, 2-WIRE, SMART hart

10 BarG  
AMB.  
0.5-15 cP

316 ST.ST.  
316 ST.ST.

SILICONE OIL  
ALUMINIUM EPOXY PAINTED  
1/2" NPT  
WITH PLUG

BarG

תשתיות נפט ואנו



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PROJECT No.





H<sub>2</sub>O