Configuration data sheet (CDS) for selection of Agat-500-AC pressure transmitters

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Customer information | | | | | | |
| Company: | | | | | Date: | |
| Address: | | | | | Phone: | |
| Contact name: | | | | | E-mail: | |
| CDS № | Tag: | | | | Quantity: | |
| Operation condition | | | | | | |
| Process medium |  | | | | | |
| Process temperature |  | | | | | |
| Ambient temperature |  | | | | | |
| Working pressure (vacuum pressure) |  | | | | | |
| Pressure transmitter configuration | | | | | | |
| Type of explosion-proof | None  Intrinsic safety (Exi)  Flameproof (Exd)  Flameproof and Intrinsic Safety (Exdi) | | | | | |
| Safety class according to NP-001-2015 | 2  3  4 | | | | | |
| Measurement type | Gauge pressure  Vacuum pressure  Absolute pressure  Hydrostatic pressure  Differential pressure | | | | | |
| Measurement range (scale) |  | | | | | |
| Pressure units | kPa  MPa  Pa  kg/cm2   kg/m2   mmH2O  mmHg | | | | | |
| Reference accuracy, % | ±0,075  ±0,1  ±0,15  ±0,2  ±0,25  ±0,50  ±1 | | | | | |
| Output signal | 4-20 mA +HART  4-20√ mA (square root function) +HART  20-4 mA +HART | | | | | |
| LED Indicator | Yes  No | | | | | |
| Temperature range | From 5 °С to 70 °С (UHL3.1 by GOST 15150-69)  From -45 °С to 85 °С  From -40 °С to 70 °С (U2 by GOST 15150-69)  From -60 °С to 85 °С  From -25 °С to 80 °С (T3 by GOST 15150-69) | | | | | |
| Tag on wire | Yes  No | | | | | |
| Electrical connection | Plug connector  SC14 (Plug 2RMT14B4Sh1V1BV)  SC22 (Plug RMT22B4Sh3V1)  GSP (Plug - Socket by DIN 43650) | | Cable gland | | | |
| For unarmored cable | | | Cable diameter \_\_\_\_\_\_\_\_\_mm  in a metal hose RZ-TsH-15  in a metal hose RZ-TsH-20 |
| For armored cable | | | Cable diameter \_\_\_\_\_\_\_\_\_mm  Armor diameter \_\_\_\_\_\_\_\_\_mm |
| Process connection | Threaded:  М20х1.5  K ½”  K ¼”  ½” NPT  ¼” NPT | Male  Female | | Nipple with coupling nut (M20x1.5)  Nipple material:  Carbon Steel  Stainless Steel  09G2S | | |
| Flange DN 80 PN 40 type E (spigot) by GOST 33259-2015 (Hydrostatic pressure only) | | | | | |
| Assembled with manifold | 1-valve  2-valves  3-valves  5-valves  Drain/Vent:  Yes  No | | | | | |
| Mounting bracket | Yes  No | | | | | |
| Comments: | | | | | | |