

Ordering information

Main ordering information for model 266AST absolute pressure transmitter

Select one or more characters from each category and enter the complete catalog number.

Enter one or more codes for additional order information if you are purchasing optional extras for each transmitter.

| Base model - 1st to 6th characters | | | | 266AST | X | X | X | X | X | X |
|---|---|------------------------|----------------------------|----------|---|---|---|---|---|---|
| Absolute pressure transmitter – Base accuracy 0.04 % | | | | | | | | | | |
| Sensor Span Limits / overpressure limit – 7th character | | | | | | | | | | |
| 0.3 and 6 kPa | (3 and 60 mbar, 2.25 and 45 mmHg) | | 1 MPa (10 bar, 145 psi) | | C | | | | | |
| 2 and 40 kPa | (20 and 400 mbar, 15 and 300 mmHg) | | 1 MPa (10 bar, 145 psi) | | F | | | | | |
| 12.5 and 250 kPa | (125 and 2500 mbar, 98.3 and 1875 mmHg) | | 3 MPa (30 bar, 435 psi) | | L | | | | | |
| 50 and 1000 kPa | (0.5 and 10 bar, 7.25 and 145 psi) | | 6 MPa (60 bar, 870 psi) | | D | | | | | |
| 150 and 3000 kPa | (1.5 and 30 bar, 21.7 and 435 psi) | | 6 MPa (60 bar, 870 psi) | | U | | | | | |
| 500 and 10000 kPa | (5 and 100 bar, 72.5 and 1450 psi) | | 30 MPa (300 bar, 4350 psi) | | R | | | | | |
| Diaphragm material / filling fluid – 8th character | | | | | | | | | | |
| Stainless steel AISI 316L (1.4435) | Silicone oil | NACE | | | S | | | | | |
| Hastelloy® C-276 | Silicone oil | NACE | | | K | | | | | |
| Stainless steel AISI 316L (1.4435) | Fluorocarbon - Galden (suited to oxygen applications) | NACE | | | A | | | | | |
| Hastelloy® C-276 | Fluorocarbon - Galden (suited to oxygen applications) | NACE | | | F | | | | | |
| Hastelloy® C-276 gold-plated | Silicone oil | NACE (Note 1) | | | G | | | | | |
| Hastelloy® C-276 gold plated | Fluorocarbon - Galden (suited to oxygen applications) | NACE (Note 1) | | | E | | | | | |
| Stainless steel AISI 316L (1.4435) | White oil (FDA) | NACE | | | 6 | | | | | |
| Hastelloy® C-276 | White oil (FDA) | NACE | | | Z | | | | | |
| Process connection material / type – 9th character | | | | | | | | | | |
| Stainless steel AISI 316L (1.4404) | 1/2 in -14 NPT female | NACE | | | | | B | | | |
| Stainless steel AISI 316L (1.4404) | DIN EN 837-1 G 1/2 in B | NACE | | | | | P | | | |
| Stainless steel AISI 316L (1.4404) | G 1/2 in, in front bonded diaphragm | NACE (Note 1) | | | | | S | | | |
| Stainless steel AISI 316L (1.4404) | 1/2 in -14 NPT male | NACE | | | | | T | | | |
| Hastelloy® C-276 | 1/2 in -14 NPT female | NACE | | | | | E | | | |
| Hastelloy® C-276 | DIN EN 837-1 G 1/2 in B | NACE | | | | | D | | | |
| Hastelloy® C-276 | 1/2 in -14 NPT male | NACE | | | | | K | | | |
| Gasket Material – 10th character | | | | | | | | | | |
| None | | | | | | | | | N | |
| Housing Material / Electrical Connection – 11th character | | | | | | | | | | |
| Aluminium alloy (Barrel type) | 1/2 in -14 NPT | | | | | | | | | A |
| Aluminium alloy (Barrel type) | M20 x 1.5 | | | | | | | | | B |
| Aluminium alloy (Barrel type) | Harting Han connector | (Note 2) | | | | | | | | E |
| Aluminium alloy (Barrel type) | Fieldbus connector | (Note 2) | | | | | | | | G |
| Stainless steel (barrel type) | 1/2 in -14 NPT (I2 or I3 required) | | | | | | | | | S |
| Stainless steel (barrel type) | M20 x 1.5 (I2 or I3 required) | | | | | | | | | T |
| Aluminium alloy (DIN type) | M20 x 1.5 | | | | | | | | | J |
| Aluminium alloy (DIN type) | Harting Han connector | (General purpose only) | (Note 2) | | | | | | | K |
| Aluminium alloy (DIN type) | Fieldbus connector | (General purpose only) | (Note 2) | | | | | | | W |
| Stainless steel (barrel type) | Fieldbus connector | (General purpose only) | (Note 2) | | | | | | | Z |
| Output – 12th character | | | | | | | | | | |
| HART digital communication and 4 to 20 mA | | | | (Note 5) | | | | | | 1 |
| PROFIBUS PA | | | | (Note 6) | | | | | | 2 |
| FOUNDATION fieldbus | | | | (Note 6) | | | | | | 3 |
| HART digital communication and 4 to 20 mA, SIL2 and SIL3-certified in acc. with IEC 61508 | | | | (Note 5) | | | | | | 8 |

...Ordering information

Additional ordering information for model 266AST absolute pressure transmitter

| | | XX | XX | XX |
|---|--------------|----|----|----|
| Explosion Protection Certification | | | | |
| ATEX Intrinsic Safety Ex ia | (Note 7) | E1 | | |
| ATEX Explosion Proof Ex db_tb | (Note 8) | E2 | | |
| ATEX Intrinsic Safety Ex ic_tc | (Note 7) | E3 | | |
| FM Approvals (Canada) approval (XP, DIP, IS, NI) | (Note 8) | E4 | | |
| FM Approvals (USA) approval (XP, DIP, IS, NI) | (Note 8) | E6 | | |
| FM Approvals (USA and Canada) Intrinsically safe | (Note 7) | EA | | |
| FM Approvals (USA and Canada) Explosionproof | (Note 8) | EB | | |
| FM Approvals (USA and Canada) Nonincendive | (Note 7) | EC | | |
| Combined ATEX, IECEx and FM Approvals (USA and Canada) | (Note 8) | EN | | |
| Combined ATEX Ex ia, Ex db_tc and Ex ic_tc | (Note 8) | EW | | |
| IECEX Intrinsic Safety Ex ia | (Note 7) | E8 | | |
| IECEX Explosion Proof Ex db_tb | (Note 8) | E9 | | |
| IECEX Intrinsic Safety Ex ic_tc | (Note 7) | ER | | |
| Combined IEC Approval Ex ia and Ex db_tb | (Note 8) | EH | | |
| Combined IEC Approval Ex ia, Ex db_tb and Ex ic_tc | (Note 8) | EI | | |
| NEPSI Intrinsic Safety Ex ia_iaD | (Note 7) | EY | | |
| NEPSI Explosion Proof Ex d_tD | (Note 8) | EZ | | |
| NEPSI Intrinsic Safety Ex ic_nA_tD | (Note 7) | ES | | |
| Combined NEPSI Ex ia_iaD and Ex d_tD | (Note 8) | EP | | |
| Combined NEPSI Ex ia_iaD, Ex d_tD and Ex ic_nA_tD | (Note 8) | EQ | | |
| Other Explosion Protection Certifications | | | | |
| For TR CU EAC Ex ia for Russia (incl. GOST Metrologic Approval) | (Note 7, 11) | | W1 | |
| For TR CU EAC Ex d for Russia (incl. GOST Metrologic Approval) | (Note 8, 12) | | W2 | |
| For TR CU EAC Ex ia for Kazakhstan (incl. GOST Metrologic Approval) | (Note 7, 11) | | W3 | |
| For TR CU EAC Ex d for Kazakhstan (incl. GOST Metrologic Approval) | (Note 8, 12) | | W4 | |
| For TR CU EAC Ex ia for Belarus (incl. GOST Metrologic Approval) | (Note 7, 11) | | WF | |
| For TR CU EAC Ex d for Belarus (incl. GOST Metrologic Approval) | (Note 8, 12) | | WG | |
| Integral LCD display | | | | |
| With integral LCD display | | | | L1 |
| With integral touch screen LCD display (TTG) | | | | L5 |

...Ordering information

...Additional ordering information for model 266AST absolute pressure transmitter

| | XX | XX | XX | XX |
|--|--|--------------|----|----|
| Approvals | | | | |
| Metrologic Pattern for Russia | (NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION) | Y1 | | |
| Metrologic Pattern for Kazakhstan | (NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION) | Y2 | | |
| Metrologic Pattern for Belarus | (NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION) | Y4 | | |
| DNV GL approval | (Note 13) | YA | | |
| Conformity to NAMUR NE 021 (2004) | (NOT APPLICABLE WITH SURGE PROTECTOR CODE "S2") | (Note 3, 9) | YE | |
| American Bureau of Shipping (ABS) | | (Note 1, 13) | YS | |
| Lloyd's Register Group Ltd. (LR) approval | | (Note 1, 13) | YB | |
| Combined Naval approvals (DNV / ABS / LLR) | | (Note 1, 13) | YM | |
| Material Traceability | | | | |
| Inspection certificate EN 10204-3.1 of process wetted parts (not for gaskets) | (Note 4) | | H3 | |
| Test report EN 10204-2.2 of pressure bearing and process wetted parts (not for gaskets) | | | H4 | |
| Plug connector | | | | |
| Fieldbus 7/8 in (Recommended for FOUNDATION Fieldbus, supplied loose, without mating plug) | | | | U1 |
| Fieldbus M12 x 1 (Recommended for PROFIBUS PA, supplied loose, without mating plug) | | | | U2 |
| Harting Han 8D (8U), straight entry (supplied loose) | | | | U3 |
| Harting Han 8D (8U), angle entry (supplied loose) | | | | U4 |
| Harting Han 7D (supplied loose) | | | | U5 |
| With cable gland M20 x 1.5 (Plastic, black, supplied loose) | | | | U8 |
| Housing accessories | | | | |
| Manifold mounting and pressure test (NOT AVAILABLE WITH OXYGEN SERVICE CLEANING - PREPARATION PROCEDURE CODE P1) | | | | A1 |

Note 1: Not available with measuring range limits Code C, F

Note 2: Select connector with additional order code

Note 3: Not available with Output code 2, 3

Note 4: Minor parts with factory certificate according to EN 10204

Note 5: Not available with housing material / electrical connection code G, W, Z

Note 6: Not available with housing material / electrical connection code E, K

Note 7: Not available with housing material / electrical connection code E, G, K, W, Z

Note 8: Not available with housing material / electrical connection code E, G, J, K, W, Z

Note 9: Not available with Hazardous area certification code E4, E6, EA, EB, EC, EN, EY, EZ, ES, EP, EQ, W1, W2, W3, W4, WF, WG

Note 10: Not available with sensor C, if calibrated at TD higher than 2

Note 11: The ambient temperature lower limit is -55 degrees C

Note 12: The ambient temperature lower limit is -52 degrees C

Note 13: Not available with option code YE

Standard delivery scope (changes possible with additional ordering code)

- For standard applications (without explosion protection)
- No display, no mounting bracket, no surge protection
- Multilanguage short-form operating instruction and English labeling
- Configuration with kPa and °C units
- No test, inspection, or material certificates

Unless otherwise specified prior to manufacture, the customer shall be responsible for selecting suitable wetted parts and an appropriate filling fluid in order to ensure compatibility with the measuring fluid.

Compliance with the NACE regulation is based on recommendations MR0175 / ISO 15156. Additionally, stainless steel AISI 316, AISI 316L and Hastelloy C-276 automatically meet the criteria of MR0103, provided that they also meet the criteria of MR0175.