



Order form
Orderer _____

Valid from June 2019
Order no. _____

DPT146 Dewpoint and Pressure transmitter

| Vaisala Dewpoint and Pressure Transmitter | | DPT146 | | | | | | | | | | | PRICE |
|---|--|--|---|--------|-----------------------|---|---|---|----|----|-------------|--|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | |
| 1 | Mechanical connection | ISO G1/2" thread NPT 1/2" thread UNF 3/4"-16 thread | A B C | | | | | | | | | | |
| 2 | Measurement parameters | Dewpoint, Pressure, ppm, Td/f atm Dewpoint, Pressure, ppm, Td/f atm and Temperature (for RS-485 only) | | 1 2 | | | | | | | | | |
| 3 | Communication interface | RS-485 Vaisala industrial protocol (no analog outputs) RS-485 with Modbus RTU mode by default (no analog outputs) | A M B C D E | | | | | | | | | | |
| | Analog output Ch1 & Ch2 + RS-485 Vaisala protocol | 0...5 V 0...10 V 4...20 mA 0...20 mA | | | | | | | | | | | |
| 4 | Analog output parameter or function for Ch1 | None Dewpoint -80...+20 °C -112...+68 °F Dewpoint -60...+40 °C -76...+104 °F Pressure (absolute) 0...10 bar 0...145 psia Pressure (absolute) 0...12 bar 0...174 psia ppm 0...500 ppm Td/f atm -80...+20 °C -112...+68 °F Dewpoint , free scale Define: Low High p, free scale Define: Low High ppm, free scale Define: Low High Td/f atm free scale Define: Low High | A B C D G E F W X Y Z | | | | | | | | | | |
| 5 | Analog output parameter or function for Ch2 | None Dewpoint -80...+20 °C -112...+68 °F Dewpoint -60...+40 °C -76...+104 °F Pressure (absolute) 0...10 bar 0...145 psia Pressure (absolute) 0...12 bar 0...174 psia ppm 0...500 ppm Td/f atm -80...+20 °C -112...+68 °F Dewpoint , free scale Define: Low High p, free scale Define: Low High ppm, free scale Define: Low High Td/f atm free scale Define: Low High | A B C D G E F W X Y Z | | | | | | | | | | |
| 6 | Output units | Metric units (Celsius, bara) Non-metric units (Fahrenheit, psia) | | 1 2 | | | | | | | | | |
| 7 | Cable for analog outputs and power supply (Port I) | None 0.3 m (1.0 ft) shielded cable, M8 threaded connector 3 m (9.8 ft) shielded cable, M8 threaded connector 5 m (16.4 ft) shielded cable, M8 threaded connector 10 m (32.8 ft) shielded cable, M8 threaded connector | | | 0 1 2 3 4 | | | | | | | | |
| 8 | Cable for RS485 line and power supply (Port II) | None 0.3 m (1.0 ft) shielded cable, M8 threaded connector 3 m (9.8 ft) shielded cable, M8 threaded connector 5 m (16.4 ft) shielded cable, M8 threaded connector 10 m (32.8 ft) shielded cable, M8 threaded connector | | | 0 1 2 3 4 | | | | | | | | |
| 9 | Installation accessories ONLY for ISO1/2" thread | None Sampling cell DMT242SC Sampling cell with swagelok 1/4" male connectors DMT242SC2 Sampling cell with quick connector and leak screw DSC74 Two-pressure sampling cell DSC74B Two-pressure sampling cell with venting coil DSC74C Duct installation flange DM240FA | A B C D E F G | | | | | | | | | | |
| 10 | Special features | None | | | | | | | | | | | |
| 11 | User's guide | None Multilingual quick guide | A X | | | | | | | | | | |
| | | | | | | | | | | | Total | | |
| | | | | | | | | | | | Qty | | |
| | | | | | | | | | | | Total value | | |

Selections in bold are included in the prices of the basic versions.
Selections in *italic* are available at an extra price.

Example of order code with typical settings:

DPT146 A 1 D B D 1 1 0 A 0 X

End customer: _____

Accessories and spare parts

| | |
|--------------|---|
| 219980 | Connection cable for MI70 indicator /DM70 meter |
| 219690 | USB connection cable |
| 220957SP | Mesh Filter 18um Stainless Steel |
| 221525SP | Sealing ring set. 3 pcs for ISO1/2" thread |
| 232912 | Sealing ring set. 3 pcs for UNF 3/4" - 16 thread |
| 218675SP | Protection plug for connector |
| 226476 | Loop-powered external display |
| 218773 | ISO 1/2" plug |
| 222507 | NPT 1/2" plug |
| DMT242SC | Basic sample cell |
| DMT242SC2 | Sample cell with swagelok 1/4" male connectors |
| DSC74 | Sample cell with quick connector and leak screw |
| DSC74B | Two-pressure sampling cell |
| DSC74C | Two-pressure sampling cell with coil |
| DMCOIL | Separate cooling/venting coil for sampling cells |
| DM240FA | Flange |
| HMP502032 | 0.32m (1 feet) shielded cable, M8 threaded connector |
| HMP502300SP | 3 m (9.8 ft) shielded output cable M8, threaded connector |
| HMP502500SP | 5 m (16.4 ft) shielded output cable M8, threaded connector |
| HMP5021000SP | 10 m (32.8 ft) shielded output cable M8, threaded connector |