

HF32 / HF33 Transmitters Ordering Codes

| HF32 (2-wire, loop powered) and HF33 (3-wire) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|--|
| 1 | 2 | 3 | 4 | 5 | 6 | | | 7 | Circuit type, supply voltage and output signal type |
| HF320- | | | | | | | | | 2-wire (loop powered), 10 to 28 VDC, 4...20 mA |
| HF331- | | | | | | | | | 3-wire, 15 to 40 VDC or 12 to 28 VAC, 0...20 mA |
| HF332- | | | | | | | | | 3-wire, 15 to 40 VDC or 12 to 28 VAC, 4...20 mA |
| HF333- | | | | | | | | | 3-wire, 5 to 40 VDC or 5 to 28 VAC, 0...1 V |
| HF334- | | | | | | | | | 3-wire, 10 to 40 VDC or 8 to 28 VAC, 0...5 V |
| HF335- | | | | | | | | | 3-wire, 15 to 40 VDC or 12 to 28 VAC, 0...10 V |
| Installation type / Mechanical configuration | | | | | | | | | |
| | D | | | | X | | | | Duct mount (through wall), probe: Ø 15 x 235 mm (0.6 x 9.2") |
| | S | | | | | | | | Space mount – no apparent probe |
| | R | | | | | | | | Space mount – with apparent probe |
| | W | | | | X | | | | Wall mount, apparent probe: Ø 15 x 85 mm (0.6 x 3.3") |
| Parameters (analog outputs) | | | | | | | | | |
| | | B | | | | X | X | X | Humidity (0...100 %RH) and Temperature -see range below |
| | | H | X | X | | X | X | X | Humidity only (0...100 %RH) |
| | | T | | | | X | X | X | Temperature only (see range below) |
| | | 1 | | | | | | | Humidity and Dew / Frost point |
| | | A | | | | | | | Temperature and Dew / Frost point - see range below |
| Temperature ranges | | | | | | | | | |
| | | | M | E | | | | | No temperature output – dew / frost point in °C |
| | | | E | N | | | | | No temperature output – dew / frost point in °F |
| | | | 1 | X | | | | | 0...50 °C |
| | | | 6 | X | | | | | 0...100 °F |
| | | | S | T | | | | | Custom range (specify when ordering) |
| Optional display (type S and R only) | | | | | | | | | |
| | | | | | | D | | | LC display - HF32: no backlight, HF33: backlight |
| | | | | | | X | | | No display |
| Dew / frost point ranges | | | | | | | | | |
| | | | | | | X | B | X | -50...50 |
| | | | | | | X | C | X | -50...100 |
| | | | | | | X | S | C | Custom range (specify when ordering) |
| Special relative humidity ranges | | | | | | | | | |
| | | | | | | | | S | Custom range (specify when ordering) |

Notes:

- Output 1: relative humidity or dew point
- Output 2: temperature
- The dew / frost point range uses the same unit (°C or °F) as the temperature output. The factory default setting is frost point below freezing
- Custom range: be sure to clearly specify the desired range at the time of the order. When a special range has been ordered, the letters ST, XSC or S are used in columns 4, 6 or 7 in the above table. These generic codes will be replaced with a specific code only for quantity and repeat orders
- Use column 4 to specify the unit system (M or E) when temperature is not one of the analog outputs