

AR250 HUMIDITY TRANSDUCER



- a high class digital relative humidity sensor with a protective filter (ABS material as a standard, slot width 1 mm, and steel wire mesh with mesh size of 0.15 mm)
- a probe integrated with the enclosure, external or on a stainless steel pipe
- a current output 4÷20 mA (2-wire, with power supply from the current loop) or a voltage output 0÷10 V (3-wire)
- temperature compensation of humidity measurement, high measurement stability
- programmable processing ranges for humidity
- configuration of parameters through the PRG port (programmer AR956 or AR955) and free ARsoft-CFG software that enables quick setting and copying of all configuration parameters
- protection rating IP65 provided by the enclosure which improves reliability of operation thanks to high resistance to penetration of water and dust and surface condensation of steam inside of the device, an IP40 probe
- available accessory filter with a metal wire mesh to protect the sensor against

Contents of the package:

- a transducer
- a user instruction
- a warranty card

Available accessories:

- an AR956 (or AR955) programmer

Ordering procedure AR250/□/□/□ Probe installation method Code radial (standard) back (to pipe, channel Output Code output 4÷20 mA Code Measurement probe type output 0÷10 V integrated with the enclosure (standard) external with a 1.5m wire external in an enclosure with a 1.5m wire L150 on a stainless steel pipe, 140 mm long³ on a stainless steel pipe, 240 mm long* L250

* options charged separately

Order examle:

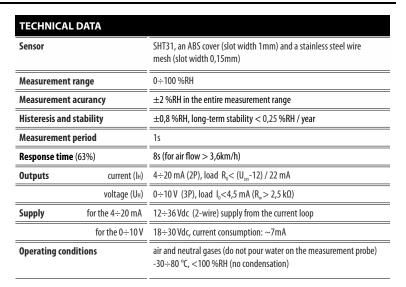
Note: for the standard design, only the output type must be stated e.g.:

AR250/I

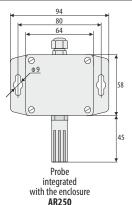
AR250, output 4÷20 mA, radially mounted probe and integrated with the

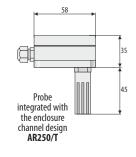
AR250/U/L150/T

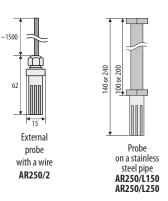
AR250, analog output 0÷10 V, probe on a stainless steel pipe 140 mm long, installed in the back of the enclosure (for channel installations)

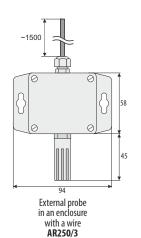


INSTALLATION DATA	
Dimensions	58x94x35 mm
Material	polycarbonate







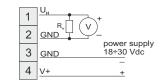


TERMINAL

AR250/I



AR250/U



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