

## Digital temperature/humidity probe DIGIL/E-1, ELKA connector, cable 1 meter

code: DIGIL/E-1



Digital probe with connector ELKA.

Stainless steel mesh filter.

The probe is supplied with a calibration certificate.

The probe is interchangeable without calibration to a specific device and regardless of the length of the cable.

**Optionally also available with cable of various lengths. For other cable lengths use the selector.**

### Technical data

|                            |                                                        |
|----------------------------|--------------------------------------------------------|
| TEMPERATURE SENSOR         |                                                        |
| Measuring range            | -30 to +105 °C                                         |
| Accuracy                   | ±0.4 °C                                                |
| Response time              | t90 < 6 min, temperature step 20 °C, air flow 1 m/s    |
| HUMIDITY SENSOR            |                                                        |
| Measuring range            | 0 to 100 % RV                                          |
| Accuracy                   | ±1.8 %RV in the range of 0 to 90 % RH at 23 °C         |
| Resolution                 | t90 < 9 s (humidity step 60 %RH, constant temperature) |
| Hysteresis                 | ±1 % RV                                                |
| Linearity                  | ±1 % RV                                                |
| DEW POINT                  |                                                        |
| Measuring range            | -60 to +80 °C                                          |
| Accuracy                   | see the manual                                         |
| &n GENERAL TECHNICAL DATA  |                                                        |
| Operating temperature      | -30 to +105 °C                                         |
| Protection class           | IP40                                                   |
| Connector                  | ELKA                                                   |
| Dimensions (without cable) | 88 x 18 mm                                             |
| Cable length               | 1 m, 2 m, 5 m, 10 m or 15 m                            |
| Weight                     | cca 55 g                                               |
| Warranty                   | 3 years                                                |