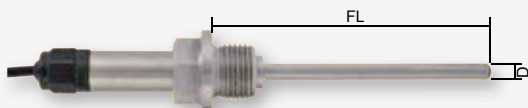


EASYBus - sensor modules for temperature



EBT - IF1
(Standard: FL = 100 mm, D = 6 mm)



EBT - IF2
(Standard: FL = 100 mm, D = 6 mm, G1/2")



EBT - IF3
(Standard: HL = 100 mm, FL = 50 mm, D = 6 mm, G1/2")

E.A.S.Y.Bus - Modul

EBT - IF1

EASYBus - sensor modules for temperature

EBT - IF2

EASYBus - sensor modules for temperature

EBT - IF3

EASYBus - sensor modules for temperature

Specification:

Measuring range: The probe length FL has to be chosen long enough, that the allowable temperature range of the electronics situated in the tube sleeve is not exceeded.

EBT - IF1 (standard): -30.0 ... +100.0 °C

EBT - IF2 (standard): -30.0 ... +100.0 °C

EBT - IF3 (standard): -70.0 ... +400.0 °C

other measuring ranges (max. -200 ... +500 °C) upon request

Measuring probe: internal Pt1000-sensor

Accuracy: (at nominal temperature = 25 °C)

Electronic: ±0.2% of meas. value ±0.2 °C

Measuring probe: standard: DIN class B
optionally higher sensor accuracy available

Interface: EASYBus-interface
attached 2-pole cable, cable-length approx. 1 m.
For direct connection to a converter or to the EASYBus.

Operating ambient of electronics (in tube sleeve):

Working temperature: -25 ... 70 °C

Relative air humidity: 0 ... 100 % RH

Housing: stainless steel housing

Dimensions: depending on sensor construction

tube sleeve: Ø 15 x 35 mm (without screwing)

tube length FL: 100 or 50 mm or on customer requirement

tube diameter D: Ø 6 mm or on customer requirement
(available Ø: 4, 5, 6 and 8 mm)

collar tube length HL: 100 mm or on customer requirement

thread: G1/2" or on customer requirement (available threads M8 x 1, M10 x 1, M14 x 1.5, G1/8", G1/4", G3/8", G3/4")

Min-/max-value memory: the min-/max-value will be stored

Adjusting: via interface by means of offset and scale values

Option:

- FL=...:
longer tube
- HL=...:
longer collar tube
- D=...:
other tube diameter
- G=...:
other thread

EASYBus - sensor modules for standardized signals



EBN / W - ...
with elbow-type plug

E.A.S.Y.Bus - Modul



EBN / K - ...
with connection cable

Abb.
incl. option VO

EBN / K - ...¹⁾

EASYBus - sensor modules for standardized signals

EBN / W - ...¹⁾

EASYBus - sensor modules for standardized signals

¹⁾ - Please specify desired standardized signal upon order: (e.g. EBN / K - 0..10 V)

General:

All standard signals (0-2 V, 0-10 V, 0-20 mA, 4-20 mA, others on request) can be acquired on the EASYBus with its current module.
When using a according interface converter an the **EASYControl net** software different transmitters can be connected resp. watched.

Specification:

Input signal: => specify desired type upon order
0 ... 2 V, 0 ... 10 V, 0 ... 20 mA or 4 ... 20 mA.
(input is not isolated for EASYBus)

Measuring range: -1999 ... 9999 digit, Measuring range and decimal point can be set via EBxKonfig software.
(available free on our homepage).

Accuracy: ± 0.5 % (at nominal temperature = 25 °C)

Working temperature: -25 ... +60 °C

Storage temperature: -30 ... +70 °C

Interface: EASYBus-interface
attached 2-pole cable, cable-length approx. 1 m.
For direct connection to a converter or to the EASYBus.

Housing: 48.5 x 48.5 x 35.5 mm (L x W x D)
(with elbow-type plug: 50.5 x 90 x 39.5 mm),
splash-water proof IP65

Electric connection: (for input signals)

- EBN / K - ...:
for connection to standardized signal source via 0.5 m connection cable.

- EBN / W - ...:
elbow-type plug according to EN 175301-803/A for plug-in into an existing transmitter connection.

Option:

VO:
On-site display