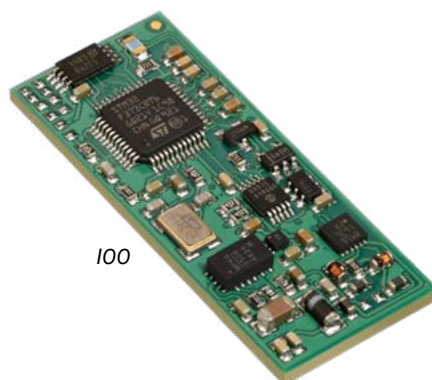


# IO-Link temperature transmitter I00

Modular // OEM // -200...800 °C // -328...1472 °F



## Highlights

- Supported by our know-how in sensor development and system integration, the compact OEM IO-Link module makes your product IO-Link ready
- Remote access to sensor parameters → Easy configuration, easy setup, fast sensor replacement
- IO-Link transmits data purely digital → Exact, no conversion failures, interference proof
- Digital point-to-point communication, can be integrated into almost any infrastructure of fieldbus and control systems → Independent of controller and fieldbus
- Diagnostics including remote diagnostics down to the field device level → Ensuring high plant uptime

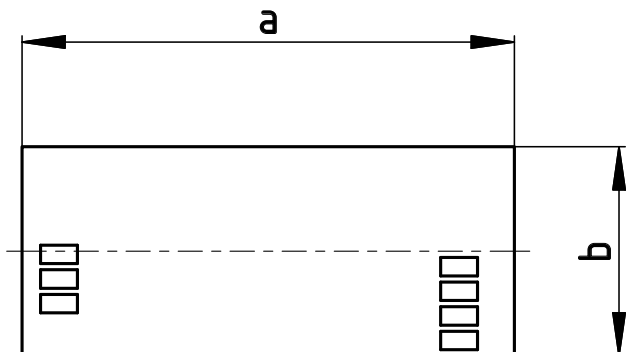
## Technical data

<b>Type</b>	OEM IO-Link temperature transmitter modul	
<b>Measuring range</b>	-200...800 °C	-328...1472 °F
<b>Dimensions [mm]</b>	17 x 40 x approx. 5 (W x H x D)	
<b>Dimensions [inch]</b>	0.669 x 1.575 x approx. 0.197 (W x H x D)	
<b>Ambient temperature</b>	-20...80 °C	-4...176 °F
<b>Storage temperature</b>	-40...85 °C	-40...185 °F
<b>Degree of protection according to EN 60529</b>	IP00	

Electrical data	
Measuring element	1 x Pt100 / Class B
Measuring insert	Not interchangeable
Accuracy	Max. $\pm 0.02\%$ of range + measuring element error
Electrical connection	Soldering pads (2.7 x 1.5 mm)
Electrical connection	Soldering pads (0.106" x 0.059")
Supply voltage	18...32 VDC
Output	
Output	IO-Link or standard I/O operation (SIO mode)
IO-Link	
Communication interface	IO-Link
Data transfer rate	COM3 (230.4 kBaud)
IO-Link specification	V1.1
Switching output	
Communication interface	IO-Link
Output function	digital switching signal according to IEC 61131-2 type 1
Rated operational current	0.1 A

# Dimensions

100



Dimensions [mm]		
Type	a	b
100	40	17

Dimensions [inch]		
Type	a	b
100	1.575	Ø 0.669

# Pin assignment



# Article numbers

Order code	
Type	
100 OEM IO-Link temperature transmitter	W00QX31XXXX00100