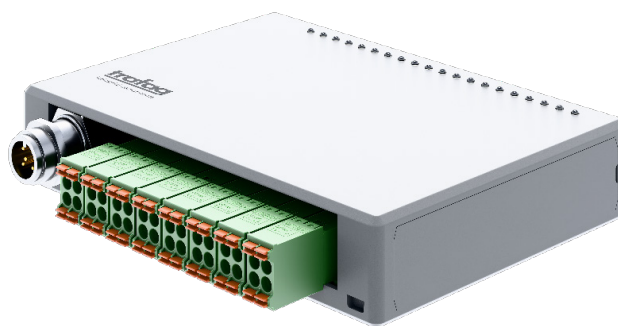


ITH HUB IO-Link

The label *Trafag Industrial Components* extends the Trafag brand name to instruments manufactured by qualified partner companies.
The latest addition is the IO-Link HUB of the new Trafag IO-Link Vision line.

Trafag IO-Link Vision, the new line of Trafag Industrial Components, is dedicated to intelligent connectivity. This advanced communication system, IO-Link HUB, is capable of converting analog signals into digital ones. The result is maximum integration into your industrial processes, real-time data for unprecedented control and optimized efficiency with advanced technology.



The Trafag Industrial Components IO-Link HUB is available in two versions: multi-protocol and IO-Link.



Applications

- General automation
- Hydraulics
- Chemical
- Food and beverage
- Machine tools

Features

- IO-Link
- Max Analogue input: 8
- Max Digital input: 8
- Operating temperature: -40...85°C
- IP Protection: IP20, IP54 on dedicated version

09/2025

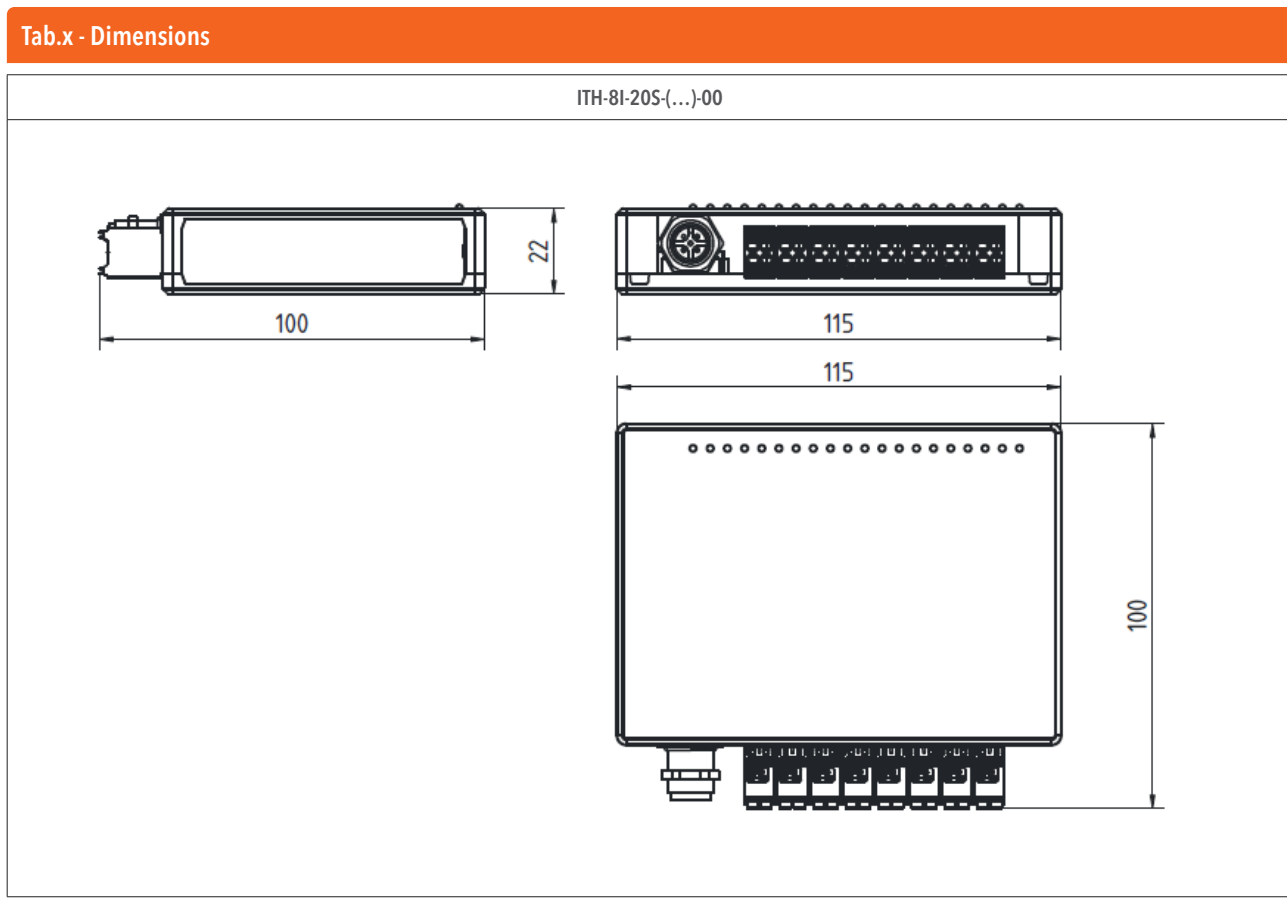
Ordering code		ITH - 8 X - 20S - XX - 00
Version	IO-Link	I
IP		
Process connection	Bracket	ST
	DIN	GD

Order example

Ex: ITH-8I-20S-ST-00

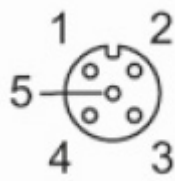
- IO-Link version with 8 x analogues + 8 x digital (24 VDC)
- DIN connection (GD)

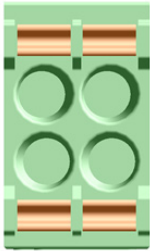
Dimensions - All dimensions are in mm



Data

Electrical data	
Operating voltage	18...30 V DC
Power interface	Via IO Link class B port
Power supply output for Input ports	
Voltage	24 V
Max. current load total	According with master IO Link class B port
Current rating per port	According with master IO Link class B port
Inputs / Outputs	
Total number of inputs	16
Number of multifunction digital inputs	8
Number of multifunction analog inputs	8
Multifunctions digital inputs	
Configuratfion 0	0 : 12V, 0 : 24V
Configuratfion 1	Dry contact

Multifunctions analogue inputs	
Configuratfion 0	-10... +10V ; resolution 16 bits
Configuratfion 1	0... 20mA ; resolutfion 16 bfits
Interfaces	
IO Link version	IO Link - B port - Slave
IO-Link version	
Transmission type	COM3 (230,4 kBaud)
IO-Link revision	1.1
Operating conditions	
Ambient temperature	-40...85°C
Storage temperature	-40...85°C
Max. relative air humidity	90%
Protection	IP20, IP54* only if mounted according with the recommended instructions
Test / approvals	
EMC	EN 61000-6-2, EN 61000-6-4
Mechanical data	
Weight	200 g approx
Housing	rectangular
Type of mounting	backplane mounting or DIN rail
Dimensions	115 x 100 x 222
Materials	Pocan - PBT 12%GF
Electrical connection Bus - IO-Link version	
Connector	1: L + (device power)
	2: UA + (Class B)
	3: L - (device power)
	4: C/Q (IO-Link)
	5: UA - (Class B)
Electrical connection Input ports	
Connector	Fast Terminal Block

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>1 2</p> <p>3 4</p> </div> 	1: US -
	2: Digital IN
	3: Analog IN
	4: US +
LEDs	
L1	Device State
L2	IO-Link com
L3	Not used
L4	Error state
L5...L12	D_IN state
L13...L20	A_IN state