

IO100T



TT TECHNA-CHECK® – IO100T Digital I/O Interface –

Parallel Digital I/O Interface

An interface unit which interfaces traditional parallel I/O to the TECHNA-CHECK® TPC1120 unit.

IO100T features

- TTBUS Networked Unit
- 3 Relay Alarm Outputs
- 7 Digital Inputs for Cut-Number
- Digital Input for START and RESET

The IO100T interfaces traditional NC-controllers, which are not Profibus capable, to the TECHNA-CHECK® TPC1120 Tool-Monitor-System.

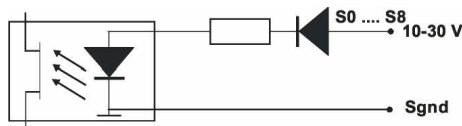
It is possible for multiple channels (spindles) to share a single IO100T. Could be a round-table machine where all stations changes operation (production change) simultaneously. In this case the alarms outputs is the logical OR of alarms generated by the channels. Thus if one channels makes an alarm the corresponding alarms relay is activated.



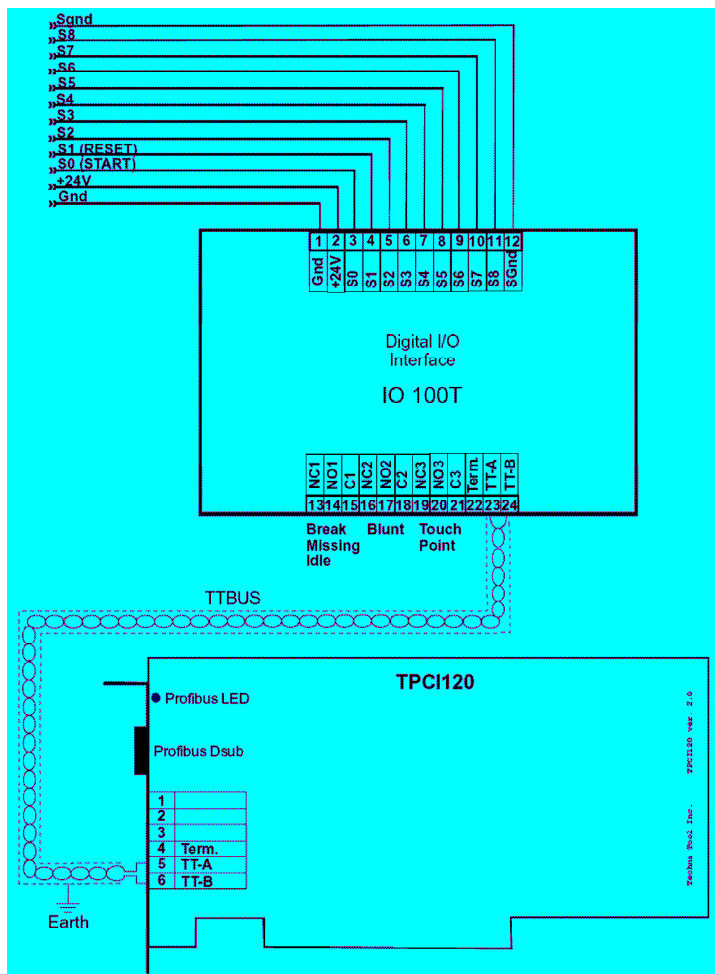
Technical Specification

Mechanical	
Housing:	Polycarbonate
Mounting:	35 mm DIN-rail
Protection Class:	IP40
Temp. Range:	-15 to + 50 C
Weight:	App. 300g (1 lb)
Dimensions:	D 118 x B 45 x H 137,5 mm
Connections:	Max 2,5 mm ² (AVG 24)
Electrical	
Digital Inputs:	10-30 VDC
Relay Outputs:	250 VAC max, 5 A max.
Sensor Input:	Proprietary. Sensor supplied with unit
Supply:	18-24 V DC max. 2.5 Watt
TTBUS:	RS485

Digital inputs S0 - S8



IO100T Connection to TPC120



Note!
 Please use **good-quality** twisted and shielded cable earth-connected at one or both ends for the TTBUS network
 Last unit in the TTBUS network chain **must** be terminated.
 Please connect a wire between terminal 22 and 24 on the IO100T (the TTBUS slave) when terminations required.

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