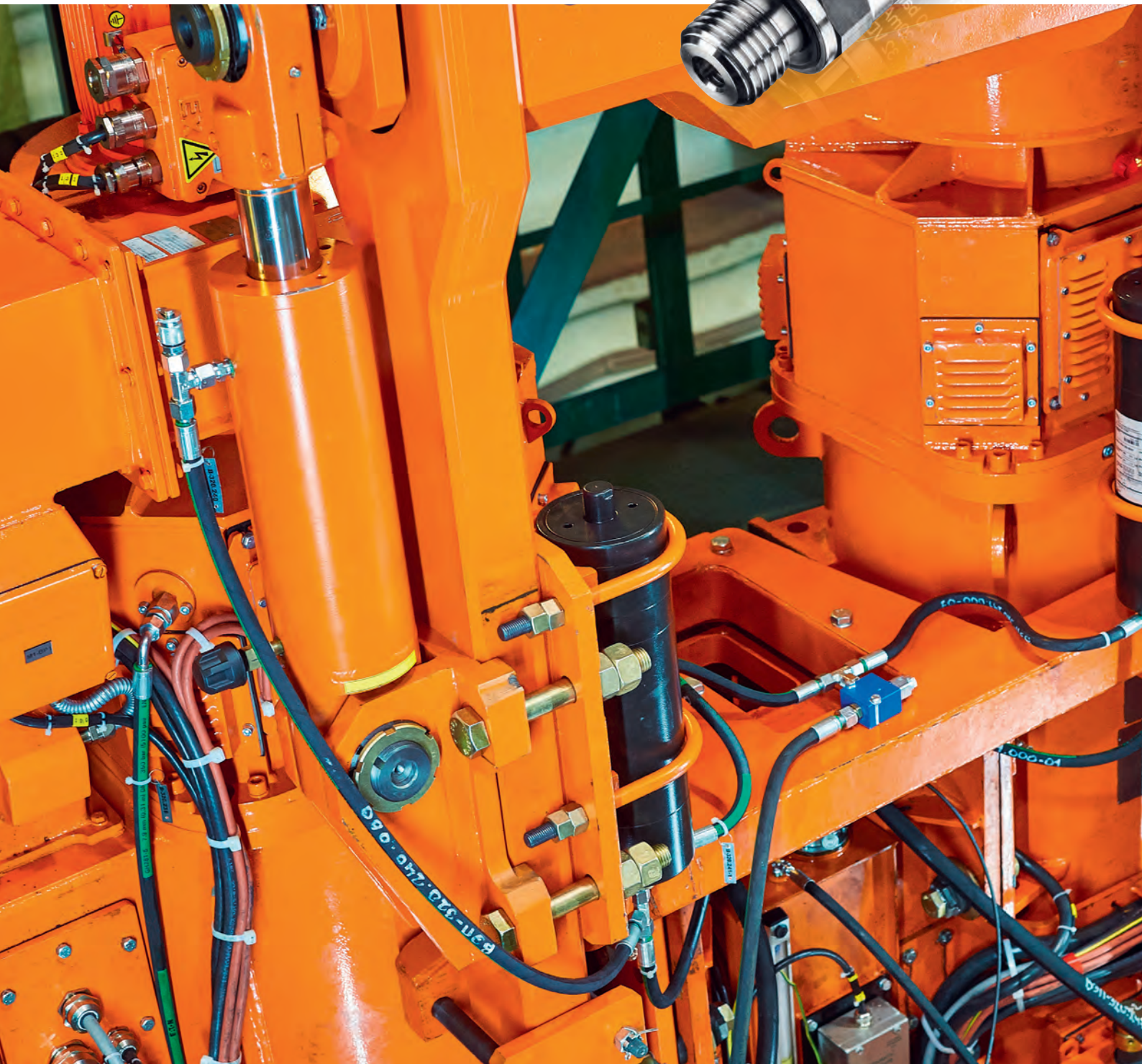


# NAI 8273

 **IO-Link**

## IO-Link Pressure Transmitter and Switch



Trafag AG, 8608 Bubikon (Switzerland)  
+41 44 922 32 32

[trafag@trafag.com](mailto:trafag@trafag.com)  
[www.trafag.com](http://www.trafag.com)

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sensors  controls

# NAI 8273

## IO-Link Pressure Transmitter and Switch



### Applications

- Machine tools
- Hydraulics
- Pneumatics
- Process technology

### Features

- Pressure measuring accuracy 0.3 %, 0.5 %
- Media and device temperature measurement
- COM3, min. process cycle time 1 ms
- 2 Switching outputs PNP/NPN configurable
- Optional: 5-fold overpressure resistance

### Designation of application

Swiss based Trafag is a leading international supplier of high quality sensors and monitoring instruments for measurement of pressure and temperature. The NAI 8273 IO-Link pressure transmitter is designed as a smart sensor and provides application-relevant information in addition to the process data. The process data contains the pressure value and the media temperature, which is measured directly at the exceptionally long-term stable thin-film-on-steel pressure sensor cell. The small sensor dimension combined with the pressure and temperature value of the media make the NAI 8273 the ideal choice in various applications. For the use of the conventional switching outputs, the polarity NPN and PNP is configurable.



### Technical Data

Measuring range	Thin-film-on-steel
Measuring range	-0.2 ... 0.2 to 0 ... 700 bar
Output signal	IO-Link 1.1, COM3, min. process cycle time 1 ms, Smart Sensor Profile ED2 2 Switching outputs PNP/NPN
NLH @ 25°C (BSL) typ.	± 0.2 % FS typ.
Accuracy @ 25°C typ.	± 0.5 % FS typ. ± 0.3 % FS typ.

### Additional information

Data sheet	<a href="http://www.trafag.com/H72621">www.trafag.com/H72621</a>
Instructions	<a href="http://www.trafag.com/H73621">www.trafag.com/H73621</a>
Accessories	<a href="http://www.trafag.com/H72258">www.trafag.com/H72258</a>
Interface description	<a href="http://www.trafag.com/H73664">www.trafag.com/H73664</a>