

New Trafag miniature pressure switch with 2 outputs

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New switching outputs on NAT 8252 and NAH 8254

We are pleased to present the new electronic pressure switches which are based on our well-known and successful NAT 8252 and NAH 8254.

The Trafag product range of electronic pressure switches has been extended by the new switching output capability of the NAX family with 2 switching outputs packed in the outstanding 19 mm wrench size design. It excels at rough conditions like pressure peaks, high temperatures or shock and vibration and is therefore the ideal choice for monitoring pressure in demanding applications.

The miniature pressure switches NAT 8252 and NAH 8254 are available with 1 or 2 switching outputs (PNP). With a maximum switching current of 400 mA in total of both outputs the media and ambient temperature are reduced to -40...85°C. With the temperature range of -40...125°C the maximum switching current is 200 mA in total of both outputs.

The switching outputs include the functions hysteresis and window with the option normally open and normally closed. A delay time is provided for each switching output. For the 2nd switching output is a monitoring mode "Device Ready" available. In this mode the output changes the state if the device has successfully completed the start-up phase. In case of an error during operation the status will change back to the normal state.

The electrical plug M12x1 with a 4-pole pin-out according to VDMA 24574-1 is the standard connection for electronic pressure switches. All measuring ranges and pressure connections from the NAT 8252 and NAH 8254 pressure transmitter are available for the switching output functionality.

The setting of the parameters like switch points, output functions and switching delay times is done during production. In addition a tool is being developed to set the parameters in the field.

