

Press Release

Railway Pressure Transmitter/-switch NAR 8258

The pressure transmitter NAR 8258 with increased accuracy of 0.3 % was specifically designed for railway vehicles (EN 50155) and has a long-term stable thin-film-on-steel sensor cell. The wide temperature range from -40°C to +125°C and the triple overpressure protection make the NAR 8258 the ideal choice for railway vehicles in rough environmental conditions.

Bubikon, January 2018 – The new NAR 8258 pressure transmitter/switch is the successor of the well-proven NAH 8253 with railway option. In addition, the NAR 8258 includes a pressure switch option. Based on the robust, reliable and successfully introduced NAH 8254 the NAR 8258 has been designed especially for applications on railway vehicles like break systems, compressors, air conditioning, fire extinguishing systems, refrigeration and many more.

The NAR 8258 offers an accuracy of $\pm 0.3\%$ and a wide operating temperature range of -40...125° C. During the production every device is individually tested with a dielectric strength of 710 VDC.

The NAR 8258 is designed according to normative railway requirements and complies with:

- EN 61373 Rolling stock equipment - Shock and vibration
- EN 50155 Electronic equipment used on rolling stock
- EN50121-3-2 Railway applications - Electromagnetic compatibility
- EN 45545-2 Fire protection on railway vehicles

The NAR 8258 excels with its outstanding robustness and reliability at rough conditions like shock and vibration and is therefore the ideal choice for pressure measurement in demanding railway applications.

Options:

The pressure transmitter NAR 8258 is available in the pressure ranges 0...6 bar to 0...600 bar. The well-established pressure connections like G1/4", 1/4"NPT and others are available. The NAR 8258 is capable of analogue output signal of 4...20mA or switching outputs with 1 or 2 PNP transistors capable to switch up to 400 mA in total of both switching outputs. The electrical connections M12x1, DIN Industrial are also available.

Data sheet: www.trafag.com/H72307

Flyer: www.trafag.com/H70697

Instruction: www.trafag.com/H73303



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