



MECHANICAL SINGLE STRIP CHART RECORDER FOR PRESSURE AND TEMPERATURE MEASUREMENT

COMPETENCE IN MEASUREMENT ENGINEERING



PAULWEGENER
MESSTECHNIK SEIT 1921

DATA SHEET

SINGLE STRIP CHART RECORDER

PRODUCT DESCRIPTION

Single strip chart recorders are suitable for measuring and recording pressure and temperature. The movement for pressure and temperature measurement works without auxiliary energy. The chart paper is printed with the indicating range (pressure and temperature values respectively). Hence, immediate evaluation is possible.

The recorders can be used in almost any branch of industry. The portable version is particularly suitable on-site when doing installation work. The devices are also available including dedicated carrying- and measuring cases where (in addition to the recorder) accessories can be kept such as chart paper, flexible pressure hoses etc.. As the measuring mechanisms operate without auxiliary power, operation is possible along with a mechanical clock-work within explosion-hazardous areas.



TYPE

R = Bourdon-tube or stainless steel Bourdon-tube movement

K = diaphragm movement

H = steel Bourdon-tube or stainless steel Bourdon-tube movement

N = nitrogen-filled

Wall mounting / flush-mounting or portable

Händlerstempel

Technical specifications

Measurement ranges

0...40 mbar ... 0...600 mbar

0...0,6 bar ... 0...40 bar

0...60 bar ... 0...160 bar

0...250 bar ... 0...600 bar

0...1000 bar

-30...50 °C

Measurement accuracy

class 1

Chart width

100 mm (standard)

120 mm (optional)

Feeds

mechanical 5 up to 1200 mm/h

electrical 20 up to 3600 mm/h

Drive

electrical synchronous motor

24 V, 42 V, 230 VAC,

mechanical 8 or 32 days runtime

Connecting conditions

strip chart recorder for indicator pressure

thread G 1/2B backward

strip chart recorder for indicator temperature

sensor type as remote sensor

Body housing dimensions

288 x 192 x 300 mm (l x w x h)

Weight

approx. 9,5 kg

Degree of protection

IP 34



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