

Sensor, Series SN5-X

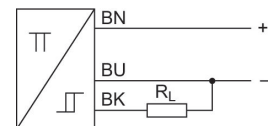
0830100500

Sensors,
Series SN5-
X

2023-10-19

AVENTICS Series SN5-X Magnetic proximity sensors

AVENTICS Series SN5-X are Magnetic Sensor that responds to ferromagnetic material, Especially designed for Welding applications.



Technical data

Industry

Industrial

Indirect mounting for series

TRB
ITS

Version

Sensor responds to ferromagnetic material.
welding-proof
With stretched impulse

Sensor

With stretched impulse

Type of contact

electronic PNP

Nominal current, actuated state

< 25 mA

Quiescent current (without load)

< 14 mA

Protection class

IP65

Min. ambient temperature

-10 °C

Max. ambient temperature

70 °C

Voltage drop U at I_{max}

≤ 2,0 V

LED status display

Red

Electrical connection 2, number of poles

3-pin

Short circuit resistance

Protected against polarity reversal

Weight

0.05 kg

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Material

Housing material

epoxy resin

Part No.

0830100500

Technical information

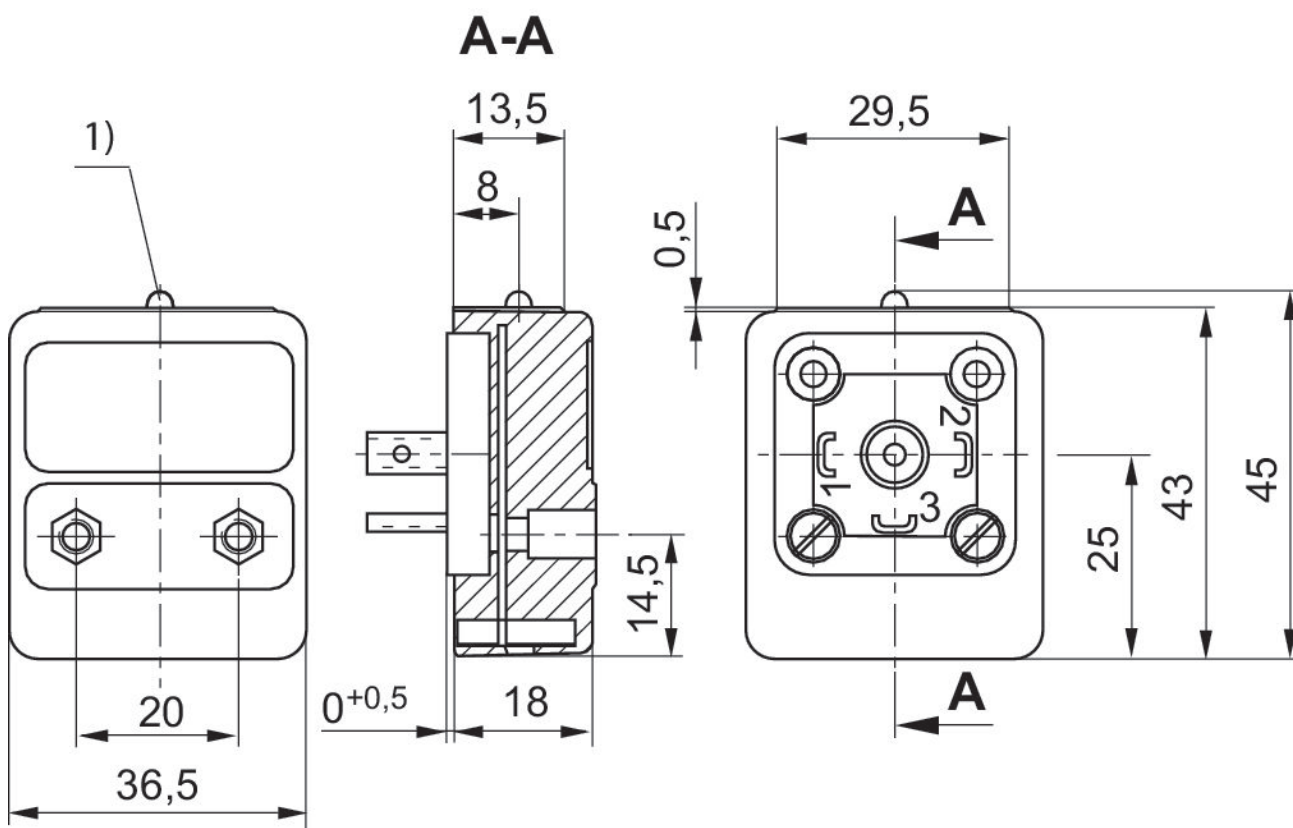
Sensor responds to ferromagnetic material.

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Dimensions



1) LED