

Checklist Electrical Thermometers



Heading 8E

Inquiry / Project / Order No. _____ **Name / Address / Phone / E-Mail** _____ **Date** _____

Application (short description) _____ **Quantity** _____

Measuring principle

<input type="checkbox"/> resistance thermometer	<input type="checkbox"/> thermocouple
<input type="checkbox"/> single <input type="checkbox"/> dual	<input type="checkbox"/> single <input type="checkbox"/> dual
<input type="checkbox"/> class AA <input type="checkbox"/> class A <input type="checkbox"/> class B	<input type="checkbox"/> type K <input type="checkbox"/> type N <input type="checkbox"/> type J <input type="checkbox"/> type S
<input type="checkbox"/> 2-wire <input type="checkbox"/> 3-wire <input type="checkbox"/> 4-wire connection	<input type="checkbox"/> insulated <input type="checkbox"/> grounded

Operating temperature temperature °C steady, or min. °C/max. °C

Ambient temperature at the device/capillary line °C steady, or min. °C/max. °C

Installation in explosion-hazardous areas no yes (further items on page 2)

Transmitter

<input type="checkbox"/> without	<input type="checkbox"/> head-mount	<input type="checkbox"/> rail-mount
output	<input type="checkbox"/> 4...20 mA	<input type="checkbox"/> 4...20 mA with HART® protocol <input type="checkbox"/> 0...10 V
supply	<input type="checkbox"/> loop-powered	<input type="checkbox"/> 24 V/3-wire
safety level	<input type="checkbox"/> SIL 2	<input type="checkbox"/> SIL 3
specifics	<input type="checkbox"/> galvanic isolation	<input type="checkbox"/> redundancy
signal range 4...20 mA corresponds to °C to °C		

Display without digital display in the connection head (BUZ-H) PAX

Connection head without B BUZ BUZ-H BEG NS

Case material aluminum plastic stainless steel

Degree of protection IP54 IP65

Stem Ø dF 3 mm (0.12") 6 mm (0.24") 8 mm (0.31")

Lengths installation length L = mm cable length KL = mm

Version

with neck tube (for installation into thermowells) without neck tube (for installation into thermowells)

with separate thermowell (see page 2)

with integrated thermowell SF2 SF2G SF2F flange type

neck tube length h = mm

Thermowell Ø form 2 6 mm (0.24") 9 mm (0.35") 11 mm (0.43") 12 mm (0.47") 14 mm (0.55") tapered tip

Process connection G ½B G ¾B M 18x1.5 M 20x1.5 M 27x2

Specifics

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