

# Capacitance level indicator CapFox®

## EFT 20

### Ordering data

DG: H, PG: 4

#### 1 Capacitance level indicator

**56550** CapFox® EFT 20

#### 2 Probe type / max. measuring range / application / base price incl. 1 m electrode

<b>20</b>	Mono probe rigid with FEP insulation EFT 20 MS, max. 2,000 mm, for non-conductive media
<b>21</b>	Mono probe rigid with FEP insulation, EFT 20 MS, max. 2,000 mm, for conductive media
<b>22</b>	Mono probe rigid with PFA insulation, EFT 20 MS, max. 2,000 mm, for conductive media and food
<b>40</b>	Coax probe without insulation, EFT 20 KX, max. 1,000 mm, for non-conductive liquids
<b>41</b>	Coax probe with FEP-insulated measuring electrode, EFT 20 KX, max. 1,000 mm, for non-conductive liquids
<b>60</b>	Mono probe flexible, with weight Ø 22 mm, EFT 20 MF, max. 6,000 mm, for bulk solids

#### 3 Temperature range

<b>ST</b>	Standard for max. flange temperature $t_p$ 85 °C (Ex version 75 °C)
<b>HT</b>	High temperature version for max. flange temperature $t_p$ 200 °C

#### 4 Probe length (L) Extra charge for each 100 mm probe length for lengths > 1,000 mm

<b>2000</b>	Length in mm e.g. 2,000 mm
	Rigid mono probe without insulation for EFT 20 MS
	Rigid mono probe with FEP insulation for EFT 20 MS
	Rigid mono probe with PFA insulation for EFT 20 MS
	Flexible mono probe without insulation for EFT 20 MF

#### 5 Process connection

<b>1</b>	G1B
<b>2</b>	G $\frac{3}{4}$ B
<b>3</b>	$\frac{3}{4}$ NPT
<b>4</b>	Tri-Clamp DIN 32676, Ø 34 mm
<b>5</b>	Tri-Clamp DIN 32676, Ø 50.5 mm

#### 6 Electrical connection

<b>A</b>	Short stainless steel cable gland
<b>B</b>	Plastic cable gland M12 x 1.5
<b>C</b>	Connector M12 x 1, 4-pin
<b>D</b>	Dust-tight cable gland (ATEX)

#### 7 Output signal

<b>01</b>	4–20 mA / 2-wire / DC 9–34 V
<b>02</b>	0–10 V / 3-wire / DC 12–34 V
<b>EX</b>	4–20 mA (ia) / 2-wire / DC 9–28 V (gas and dust Ex) U <sub>i</sub> = 30 V DC; I <sub>i</sub> = 132 mA; P <sub>i</sub> = 0.99 W; C <sub>i</sub> = 35 nF; L <sub>i</sub> = 1.0 mH
<b>MEX</b>	4–20 mA (ia) / 2-wire / DC 9–28 V (mining applications) U <sub>i</sub> = 30 V DC; I <sub>i</sub> = 132 mA; P <sub>i</sub> = 0.99 W; C <sub>i</sub> = 35 nF; L <sub>i</sub> = 10 mH

Ordering code  
example

**56550 21 ST 1000 1 A 01**