

# Capacitance level switch

## CapFox® ENT 21

### Probe selection

	Rigid compact probe MK (50 mm)	Rigid compact probe MK (100 mm)	Rigid mono probe MS	Rigid mono probe MS (FEP-insulated)	Rigid mono probe MS (PFA-insulated)	Flexible mono probe MF
Clean, non-conductive liquids such as oil, diesel, petrol	+	+	+	o	o	+
Slightly polluted, non-conductive liquids such as lubricants, vegetable oil	-	+	+	o	o	+
Conductive liquids such as water solutions, sludge	-	-	-	+	+	-
Corrosive liquids	-	-	-	-	+	-
Non-adhesive bulk solids such as plastic granules, sand, sugar, grains, cleaning powder	-	+	o	+	+	+
Other bulk solids such as cement, hydrated lime, flour, fly ash, sawdust, animal feed mixtures	-	-	+	o	o	o
Horizontal mounting	+	+	+	+	+	-
Vertical mounting	o	+	+	+	+	+
Tilted vertical mounting	o	+	+	+	+	-
Mounting in non-metallic tanks, minimum surface of metal plate***	200 mm <sup>2</sup>	200 mm <sup>2</sup>	400 mm <sup>2</sup>			

- Not suitable
- o Limited suitability
- + Suitable

\*\*\* In the case of non-metallic storage tanks, it is recommended to mount the sensor to a metal plate.