

# RADAR LEVEL TRANSMITTER FOR LIQUIDS TYPE 8137 / 8138



## G thread or flange connection

- Measures up to 30 m
- High Pressure Version
- Two-wire

Radars level transmitter for aggressive media and high pressure. A sleek, compact stainless steel design incorporates a 2-wire HART transmitter which is easily PC configurable.

## Technical Data

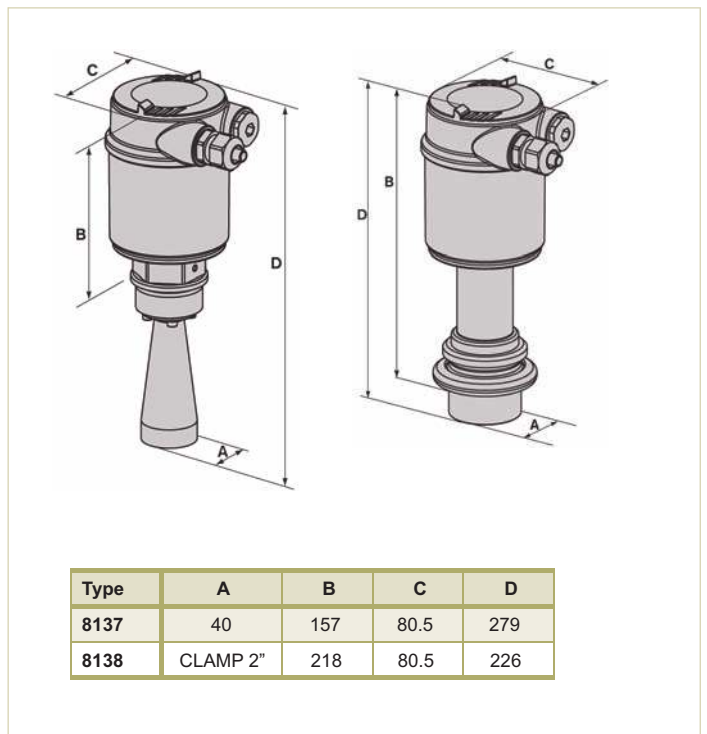
Housing / Cover	PBT, Stainless steel 316L / PC
Seal ring / Ground terminal	NBR / Stainless steel 316Ti/316L (1.4571/1.4435)
Seal	KLINGERSIL® C-4400 (8137), EPDM (8138)
Antenna / cone	Stainless steel 316L (8137), TFM™ PTFE (8138) / PTFE (8137)
Seal (antenna system)	FKM (8137), EPDM (8138)
Display	LCD in full dot matrix
Ambient temperature	-40 °C – +80 °C
Voltage supply	2-wire, 14 to 36 V DC
Current consumption max.	22 mA
Electrical connections	Cable glands M20 x 1.5
Outputs	4...20 mA/HART
Dead zone	50mm
Measuring range (40mm antenna)	50mm to 10m
Accuracy	± 3mm
Min. dielectric	r > 1.6
Temperature coefficient	0.03%/10K
Ingress protection	IP66, IP67

## Options

- Ex versions (part numbers are shown, please see datasheets for details)
- 30m measuring with 75mm antenna
- Other hygienic fittings



## Envelope Dimensions [mm] see datasheet for details)



## Ordering Chart

Area	Process connection	Electrical connection	Item no.
<b>8137</b>			
Standard	G 1 1/2 ISO 228	M20 cable gland	560 157
Standard	Flange DIN 2301 DN50	M20 cable gland	560 161
Ex	G 1 1/2 ISO 228	M20 cable gland	560 158
Ex	Flange DIN 2301 DN50	M20 cable gland	560 162
<b>8138</b>			
Standard	Clamp 2"	M20 cable gland	560 169
Ex	Clamp 2"	M20 cable gland	560 170