

Type: FMR231

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Meetprincipe	Level radar
Characteristic / Application	Cost-effective solution for aggressive media
Supply / Communication	2-wire (HART / ProfibusPA / FOUNDATION Fieldbus)
Frequency	C-Band (~6 GHz)
Accuracy	+/- 10 mm
Ambient temperature	-40 °C ... 80 °C (-40 °F ... 176 °F)
Process temperature	(-40 °F ... 302 °F)
Process pressure absolute / max. overpressure limit	Vacuum ... 40 bar (Vacuum ... 580 psi)

Main wetted parts	PTFE, PPS + 316L
Process connection	R 1 1/2", DN50 ... DN150
Process connection hygienic	Tri-Clamp ISO2852
Max. measurement distance	20 m (65 ft)
Output	4 ... 20 mA HART PROFIBUS PA FOUNDATION Fieldbus
Certificates / Approvals	ATEX FM CSA TIIS IECEX WHG/ Overfill prevention SIL GL marine EN10204-3.1 NEPSI
Application limits	Maximum measuring range is dependent on the tank form and/or application Nozzle height > 250 mm FMR230,240,245 Low DK FMR230,240,245