

# MAGNE-TRAC™

## ACCESSORIES: TRANSMITTERS & SWITCHES

### GUIDED WAVE RADAR TRANSMITTERS used in conjunction with Magne-Trac Plus and Bridle-Trac Bypass Chamber Series.

#### FMP51 ACCESSORY

Continuous level measurement of liquids, pastes and slurries but also for interface measurement. The measurement is not affected by changing media, temperature changes, gas blankets or vapors.

FEATURES	
Process connections	Thread or flange
Temperature	-40 to +200°C [-40 to +392°F]
Pressure	-1 to +40bar [-14.5 to +580psi]
Maximum measuring range	Rod 10m [33ft], rope 45m [148ft], coax 6m [20ft]
Accuracy	±2mm [0.08"]
Dielectric Constant	1.6 [Rod probe, Rope probe], 1.4 [Coax probe]
International explosion protection certificates, overfill prevention WHG SIL, marine approval, 5-point linearity protocol	



#### FMP54 ACCESSORY

Continuous measurement in liquids under extreme conditions. Excellent for steam boilers, toxic media using gas tight feed-through guarantee. Reliable results in case of gas and steam phases. Reliable in moving surface, foam and changing medias.

FEATURES	
Process connections	Thread or flange
Temperature	-196 to +450°C [-320 to +842°F]
Pressure	Vacuum -1 to +400bar [Vacuum -14.5 to +5,800psi]
Maximum measuring range	Rod 10m [33ft], Rope 45m [148ft], coax 6m [20ft]
Accuracy	Rod ±2mm [0.08"]
Dielectric Constant	1.6 [Rod probe, Rope probe], 1.4 [Coax probe]
International explosion protection certificates, overfill prevention WHG, SIL, marine approval, steam boiler approval, 5-point linearity protocol	



#### FMP55 ACCESSORY

Combination of capacitance and guided wave radar measuring principle in one device. The instrument guarantees safe measured value acquisition even in emulsion layers and issues level and interface layer signals simultaneously.

FEATURES	
Process connections	Thread or flange
Temperature	-50 to +200°C [-58 to +392°F]
Pressure	-1 to +40bar [-14.5 to +580psi]
Maximum measuring range	Rod 4m [13ft], rope 10m [33ft], coax 6m [20ft]
Accuracy	Rod ±2mm [0.08"]
Dielectric Constant	1.6 [Rod probe, Rope probe], 1.4 [Coax probe]
International explosion protection certificates, overfill prevention WHG, SIL, marine approval	

