

Radar Level Transmitter



Description

The 25 GHz (K-band) Pulse Radars are regarded as the most progressive non-contact level transmitters of the industrial process automation field. Their accuracies are excellent and their short and narrow antennas make their installation simple and low cost. K-band radar featuring ± 3 mm (0.12 inch) accuracy and short dead band excels with its versatile housing concept lining up plastic, aluminum and stainless steel versions. Its antenna range incorporates stainless steel horn or parabolic antenna and enclosed plastic tube varieties. The enclosed antenna versions can be replaced without removing the antenna enclosure from the process. Local programming of the unit is aided by a plug-in display module. If on-site reading is not desired this module may not be required thus reducing cost of ownership.

Technical Data

TYPE	INTEGRATED / COMPACT
MEASURING VALUE	LEVEL, DISTANCE
CALCULATED VALUE	VOLUME, MASS
FREQUENCY OF MEASUREMENT	25 GHZ
MEASURING RANGE	0.2M – 23M
OUTPUT SIGNAL	4-20mA
COMMUNICATION	HART
PROCESS TEMPERATURE	-30 °C ... +180 °C
AMBIENT TEMPERATURE	-20 °C ... +60 °C
PROCESS CONNECTION	THREADED FLANGED AND SANITARY CONNECTION.