

Multipoint Temperature Transmitter

Fax:

+97142236193

Address:



Description

Dutco Tennant LLC, PO Box 233, Dubai, U.A.E

Send us a mail:

info@dutcotennant.com

Two-wire temperature transmitters are suitable for continuous multipoint temperature-measurement, indication and transmission of normal and hazardous liquids, powders or granular solids. Temperature of grain, feed stored in silos needs to be monitored for maintaining quality of the stored medium. Monitoring of the total volume of the silo is needed to provide information on accidental quality loss or appearance of germs or fungus. Eventual temperature increases will alert the operator to perform operation or recycling the medium. Temperature measurement is done by electronic temperature sensors placed at equal distances in the probe. Each sensor sends the actual measured temperature of its environment to the transmitter head. The 2-wire loop-operated transmitter head communicates through HART protocol with control room devices, such as a Multi-channel process controller or a PC. A salient advantage of the Multi-channel process controller based system is that, if level measurement is required the system can be extended with a level transmitter. The advantage of using a multifunction system is that a new transmitter can easily be inserted into the existing loop, using the existing HART communication