HART ®
COMMUNICATION PROTOCOL

HART Physical Layer Test Kit
FSK Physical Layer Testing

PRODUCT DATA SHEET

Description

The Physical Layer Test Kit provides special tools for testing the compliance of controllers and field device implementations to HART Physical Layer requirements.

Features

- (1) Analog Test Filter and (1) Digital Test Filter specifically designed to test the HART FSK Physical Layer
- Windows-based software application for system testing and analysis of HART controllers/hosts (XMTR-MV)
- Customized software application for field device testing and analysis (COMTEST)

System Requirements

- For COMTEST: HART Test System or Microsoft Windows
- For XMTR-MV: Microsoft Windows 32-bit OS

General Hardware Requirements

- Refer to the HART FSK Physical Layer Test Specification (FCG TT20002)

Part Warranty

- 1 year parts warranty against manufacturer defect

Kit Components

Qty	Item	Rev. No.
1	Analog Test Filter (TP20032)	N/A
1	Digital Test Filter (TP20031)	N/A
1	Physical Layer Test Interface Modem (TP20035)	N/A
1	Serial Data Cable M\F 6FT (TP20402)	N/A
1	USB Boot Drive (TP20427) with COMTEST Software (TP20025)	2.1
1	XMTR-MV Software (TP20039) (Download only)	2.7