



TECHNICAL DATA SHEET

PIT LEVEL SENSOR

No. SPECS-DRL-060

Rev. 0

Page 1 of 1

TITLE: PIT LEVEL SENSOR

DEPARTMENT: TECHNICAL SUPPORT

DESCRIPTION:

The Pit level sensors are probes with magnetic switches. The sensor system is not prone to interference from aerated mud systems. Probes are provided in various lengths are available upon request. The sensor may be located in any fluid tank. The individual sensors are monitored via DLS, with totals, averages etc being available. Pits may be monitored by two (2) sensors to allow motion compensation. DLS can monitor twenty (20) individual sensors continuously at one time.

Standard lengths are 10ft and 15ft.

A. Specifications.

GENERIC DESCRIPTION:	Delaval Probes
BRAND (Sensor):	IMO Industries
BRAND (Barrier):	Pepperl + Fuchs
MODEL (Barrier):	KFD2-PT2-Ex1
SENSOR TYPE:	Bottoming Type Magnetic Switch
INSTALLATION LOCATION:	Active Pit, Reserve Pit, Slug Pit, Mixing Tank, Trip Tank
MEASURING RANGES:	0.5-9 ft. (0.15-2.74 m) 0.5-14 ft. (0.15-4.27 m) 0.5-19 ft. (0.15-5.79 m)
ACCURACY / RESOLUTION:	±1 inch (±2.54 cm)
APPROVALS/CERTIFICATION:	<u>BAS</u> : Intrinsically Safe EEx ia IIA
OUTPUT:	Chart Recorder, DLS System, all digital monitors.

APPROVAL:

Dept. Supervisor : VICTOR SAET Date: 22nd July 2002

Technical Committee : ALAN MORRISON Date: 22nd July 2002