



TECHNICAL DATA SHEET
MUD CONDUCTIVITY IN / OUT
SENSOR

No. SPECS-DRL-059

Rev. 0

Page 1 of 2

TITLE: MUD CONDUCTIVITY IN / OUT SENSOR SYSTEM

DEPARTMENT: TECHNICAL SUPPORT

DESCRIPTION:

Conductivity is measured directly at two locations, usually the Ditch and Active Pit system.

Through DLS software calculations of differential Conductivity may be performed and this information used in Pore Pressure Analysis.



A. Standard Unit Specifications.

BRAND: Rosemount
MODEL: Model 226 (Sensor)
Model 1811T (Transmitter)
SENSOR TYPE: Toroidal Conductivity. Insertion / Submersion
INSTALLATION LOCATION: Active Pit, Possum Belly or Flowline (Divider)
MEASURING RANGE: 0 to 160 mS/cm
ACCURACY: 0.8 mS/cm
RESPONSE TIME: < 100 ms
STABILITY: ±0.1%/month, non-cumulative
APPROVALS/CERTIFICATION: FM: Explosion-Proof ,
Class I, Groups B, C, & D, Div. 1,
Class II, Groups E, F, & G, Div. 1,
Class III, FM: Intrinsic Safety, Class I, II, & III, Division 1
Temperature Code T4
OUTPUT: Chart Recorder, DLS System, Digital Monitors



TECHNICAL DATA SHEET

MUD CONDUCTIVITY IN / OUT SENSOR

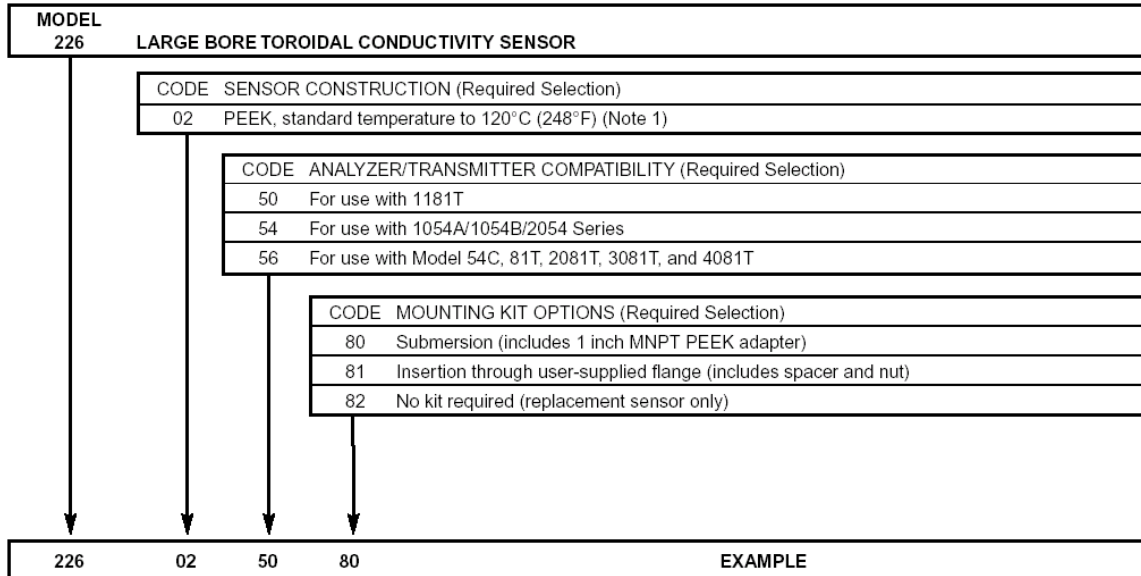
No. SPECS-DRL-059

Rev. 0

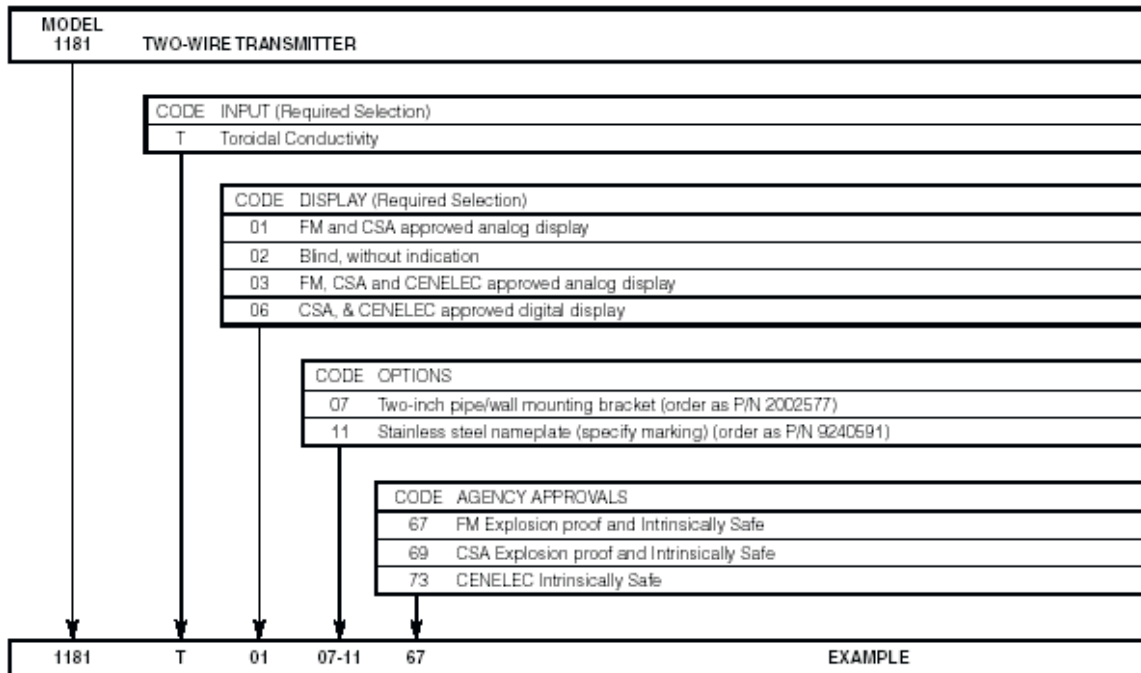
Page 2 of 2

IL STANDARD MODEL CONFIGURATION:

Sensor: **226-02-50-80**



Transmitter: **1181T-02-11-67**



APPROVAL:

Dept. Supervisor : VICTOR SAET

Date: 25th July 2002

Technical Committee : ALAN MORRISON

Date: 25th July 2002