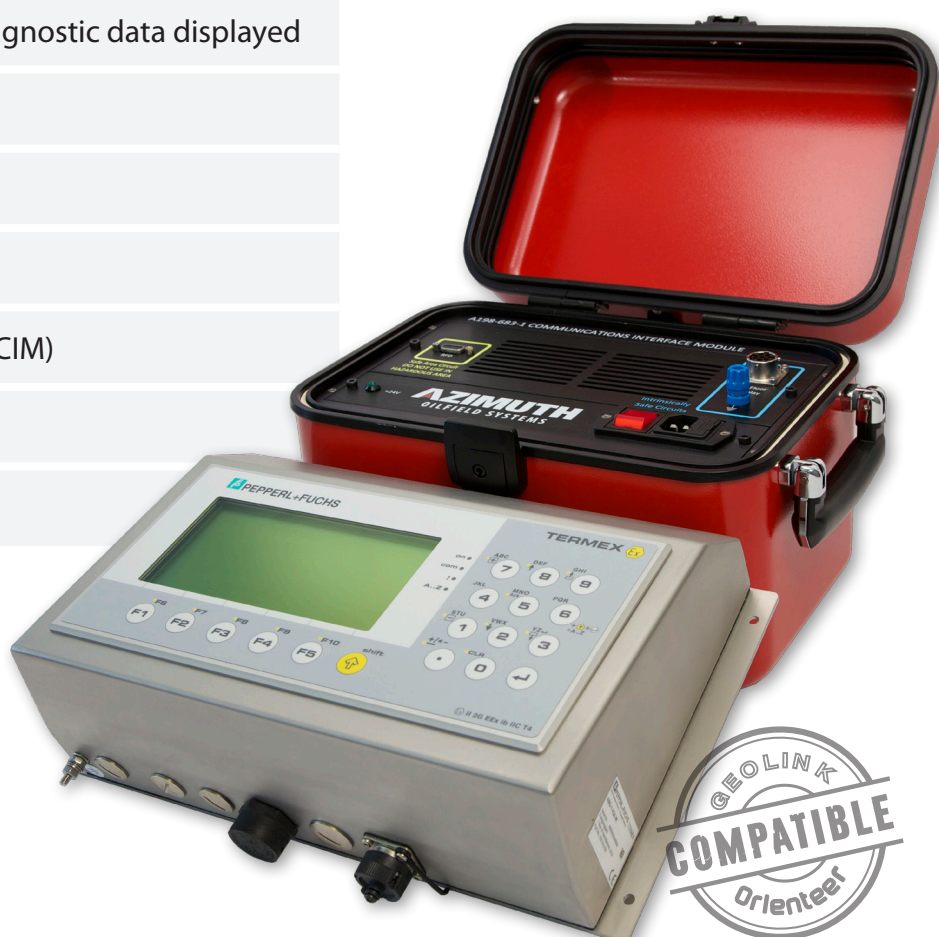


RIG FLOOR DISPLAY (RFD) & COMMUNICATIONS INTERFACE MODULE (CIM)

The RFD and CIM combine to provide an Intrinsically Safe and robust display system in a small footprint. A single umbilical to the Rig Floor provides power and communications, simplifying rig-up/down in the field. Both units are supplied in a compact and rugged case, and designed to be easily portable between sites.

Key features include:

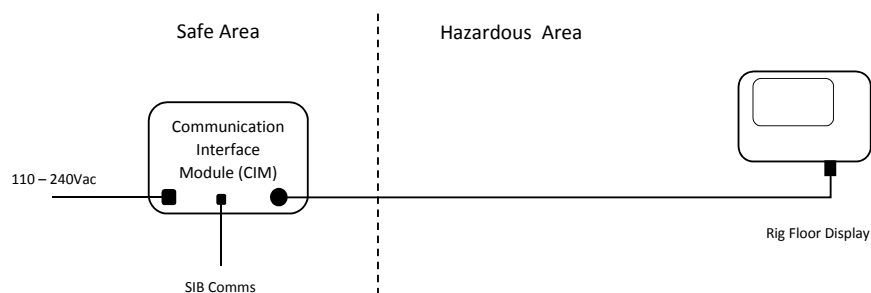
- ▶ Single umbilical (including power)
- ▶ Survey, logging and diagnostic data displayed
- ▶ Rugged construction
- ▶ Sunlight viewable
- ▶ Small footprint
- ▶ Modular construction (CIM)
- ▶ Highly portable
- ▶ Intrinsically safe



Description	Value	Units	Comments
RFD Type	Termex 230 Graphic Terminal		
Display	6.5" LCD Monochrome 240 x 128 pixels		
Protection	IP65		
IS Protection	II 2 G EEx ib IIC T4		Intrinsically Safe
Functionality	Display Parameters: Decoded Transmitted Data Toolface, Survey, Vibration (2-Axes), Temp, Total Mag Field		
Electrical			
Operating Voltage	110 – 240	VAC	(50/60Hz)
Hazardous Area Protection	IS Circuits		Intrinsically Safe barriers used for all Hazardous Area connections
Interfaces	Serial RS-232		
Environmental			
Operating Temperature	-20 to 50 -4 to 122	°C °F	
Storage Temperature	-20 to 70 -4 to 158	°C °F	
Vibration	5	g rms	50 – 1000Hz



RFD-CIM System Schematic:



Contact us

Azimuth Oilfield Systems Limited,
Unit 12, Airways Industrial Estate,
Pitmedden Road, Dyce, Aberdeen
AB21 0DT, United Kingdom

T: +44 (0)1224 773635
E: info@azimuthmwd.com
www.azimuthmwd.com

Product Support

Azimuth Oilfield Systems Ltd. provides a responsive repair, calibration and product support service. Experienced personnel are available to troubleshoot or repair equipment, and provide general product technical assistance. If you need effective sensor support for your business, then contact support@azimuthmwd.com for more information.

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