



Master Control Unit **AM100c**

The OILMON system Master Control Unit is an intelligent controller with efficiently integrated transducer communications, interface line, multiplexer and control port interface.

Compatible with the full range of Drallim CABLE MONITORING equipment, the AM100c is an cost effective remote data acquisition device which can be easily deployed to monitor cable pressure performance using copper based auxiliary telemetry networks.

Control is achieved through a serial interface that can be configured for local or remote access. An integral PSTN modem is included. Adaptors are also available for Local Area Network connectivity and control.

The modular design of AM100c is available in either 8 or 16 port versions. Each port can control up to 100 pressure, temperature, flow or contact state monitor transducers. These ports are presented on either Krone™ terminal blocks or a D-type connector.

16 local voltage free contact monitors have been integrated into the unit to allow local SCADA compatible reporting of alarm contact states. This unit is fully compatible with all type of Drallim measurement sensors.

The AM100c can be shelf or rack mounted, using the appropriate installation kit.

Industrial grade design, for long life and high reliability

The unit is powered from a nominal 48VDC positive earth supply, max current 200mA.

Key features:

- ◆ Fully integrated modular design.
- ◆ Local or remote communication options, including PSTN modem.
- ◆ 8 or 16 line pair capacity, expandable using AM100a, Auxiliary Control Unit.
- ◆ Up to 100 transducers cab be deployed per line, typically over a 10km range.
- ◆ 16 port Contact monitor included.
- ◆ Shelf or 19" rack mount installation kits.
- ◆ Compatible with 20 years of Drallim pressurisation equipment and transducer development.
- ◆ Accepts RDT series of transducers.

Purchasing Information:

AM100c - 8 port	3991503/8*	* K = (KRONE™)	* D = (D TYPE)
AM100c - 16 port	3991503/16*	* K = (KRONE™)	* D = (D TYPE)
19" Rack mounting kit	3991503/RMK		
Shelf mounting kit	3991503/SMK		
Control port serial cable	3991503/CPC		
Contact Monitor Input Cable	3991503/CMC		

Approvals: CE marked, EMC to EN61000, RoHS compliant
Environmental IEC 68 (ETS300 019)

**OILMON MASTER
CONTROL UNIT
MCU AM100c**