Corporate Capabilities

40 Years of Engineering Excellence

Engineering a better tomorrow



DATAFORTH®

High-performance, Industrial, Signal Conditioning Solutions
Data Acquisition & Control - Data Communications
Dataforth – Made in the USA since 1984.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

For over 40 years, Dataforth has been a world leader in the design and development of Instrument Class® Industrial Electronics found in demanding, environmentally rugged, industrial applications. Manufactured at our facility in Tucson, Arizona, and deployed in applications around the world, Dataforth's signal conditioning, data acquisition, and data communications products are known for their precision signal integrity, durability, and longevity.

SCM 5B/7B

ANALOG SIGNAL CONDITIONING

SCM5B/7B SERIES: True 3-way Isolation, 5V Supply Voltage

20 family groups of 300+ different modules: a wide selection of input and output functions

SCM7B SERIES: 2-way Isolation, 14-35VDC Supply Voltage

15 family groups of 200+ different modules: compact, low cost

APPLICATIONS
- Analog Signal Conditioning
- Analog Signal Isolation and Filtering
- Test and Measurement
- Industrial Process Control

SCM5B Series (dataforth.com)
SCM7B Series (dataforth.com)

8B

ISOLATED ANALOG SIGNAL CONDITIONING

SensorLex 8B SERIES: Miniature Size, 2-way Isolation, Instrument Class© Performance

19 family groups of 130+ different modules: optimized for monitoring real-world process signals

APPLICATIONS
- Embedded Applications:
  - PC/104 Embedded Solutions,
  - Compact PCI Systems
  - VMEbus, PXI Systems

SensorLex® 8B Series (dataforth.com)

DSCA

HIGH PERFORMANCE ISOLATED ANALOG SIGNAL CONDITIONING

DSCA SERIES: DIN-rail Mount, High Accuracy, True 3-way Isolation

16 family groups of 375+ different modules: wide selection of input and output functions

APPLICATIONS
- System and Signal Monitoring
- Temperature Measurement
- Geotechnical Monitoring
- Torque Measurement

DSCA Series (dataforth.com)

SCM9B

ISOLATED, INTELLIGENT SIGNAL CONDITIONING

9B SERIES: Isolated, Intelligent Signal Conditioning Products

11 family groups of 200+ different modules: wide selection of input and output functions

APPLICATIONS
- Process Monitoring and Control
- Remote Data Logging
- Product Testing

SCM9B Series (dataforth.com)

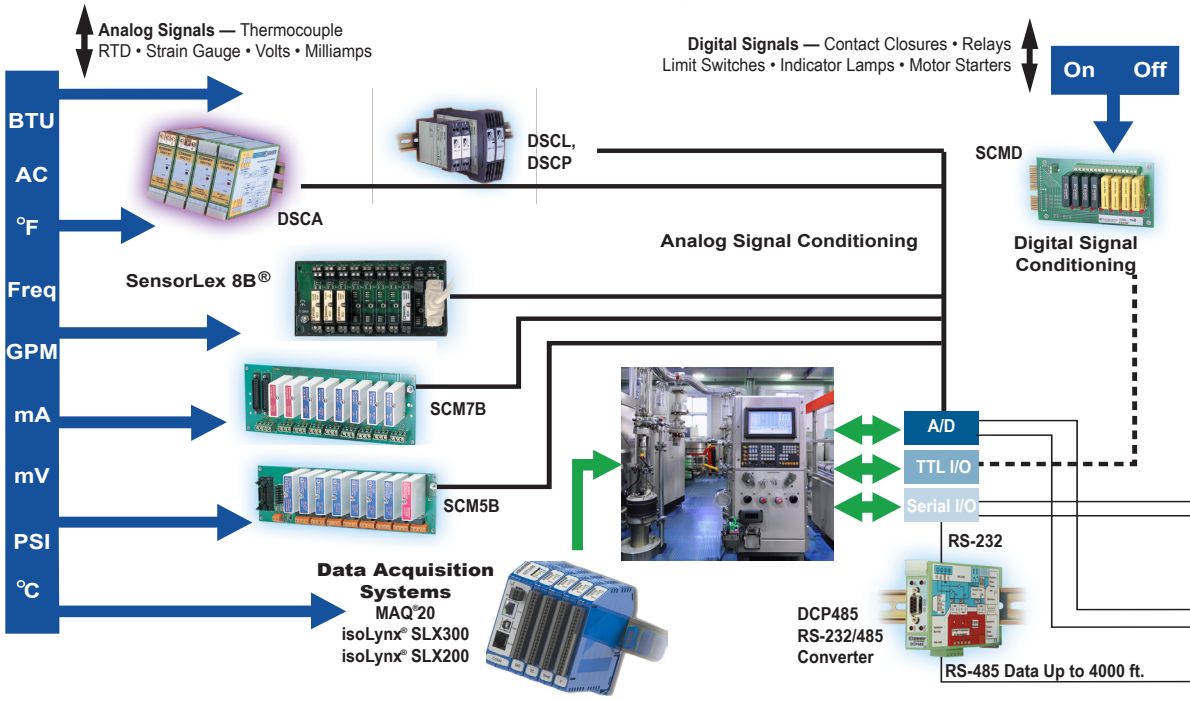
MAQ©20

INDUSTRIAL DAQ AND CONTROL SYSTEM

MAQ20 DAQ SYSTEM: High Performance, ±0.035% System Accuracy, Powerful, Flexible, Industrial, Rugged Design, ReDAQ Shape Software, ModBus Compatible

APPLICATIONS
- Process and Machine Control
- Test and Measurement
- Military and Aerospace
- Oil and Gas Applications

MAQ®20 Modular Data Acquisition System (dataforth.com)



DATAFORTH®

DSCL/ DSCT

INDUSTRIAL LOOP ISOLATORS AND TRANSMITTERS

DSCL SERIES: Passive, Active, Programmable 4-20mA Loop Isolators and Transmitters

DSCT SERIES: Loop-powered, Isolated, 2-wire Transmitters

7 family groups of 45+ different modules: economical connections between sensors and control rooms

APPLICATIONS
- Data Acquisition
- Test and Measurement
- Control Systems

DSCT Series (dataforth.com)
DSCL Series (dataforth.com)

LDM/ DCP

INDUSTRIAL DATA COMMUNICATION

9B SERIES: Line Drivers and Converters for RS-232, RS-422, and RS-485 Systems

9 family groups of 40+ transmitter models: economical connections between sensors and control rooms

APPLICATIONS
- Factory Automation and Control
- HVAC Systems
- Building Automation

Modular Converter (dataforth.com)
DIN-Mount Converter (dataforth.com)

PWRM

INSTRUMENT CLASS® IOT UNIVERSAL ENERGY MONITORING

PWRM IoT SERIES: IoT Universal, High-Accuracy, Rugged, Instrument Class®, Self-powered, Heavy-duty for Industrial Applications

APPLICATIONS
- Energy Metering Systems
- Energy Consumption Monitoring
- Predictive Maintenance
- Solar and Process Monitoring

IoT Energy Monitoring Series (dataforth.com)

Coming Soon 10D

ANALOG SENSOR-TO-DIGITAL FRONT END

The new 10D Analog Sensor-to-Digital Modules are designed to interface with a wide range of sensors and equipment used in industrial, test, and measurement applications

BENEFITS
- Small footprint
- ±0.035% Accuracy
- 24-Bit Resolution

APPLICATIONS
- Signal Conditioning
- Signal Isolation
- Signal Filtering

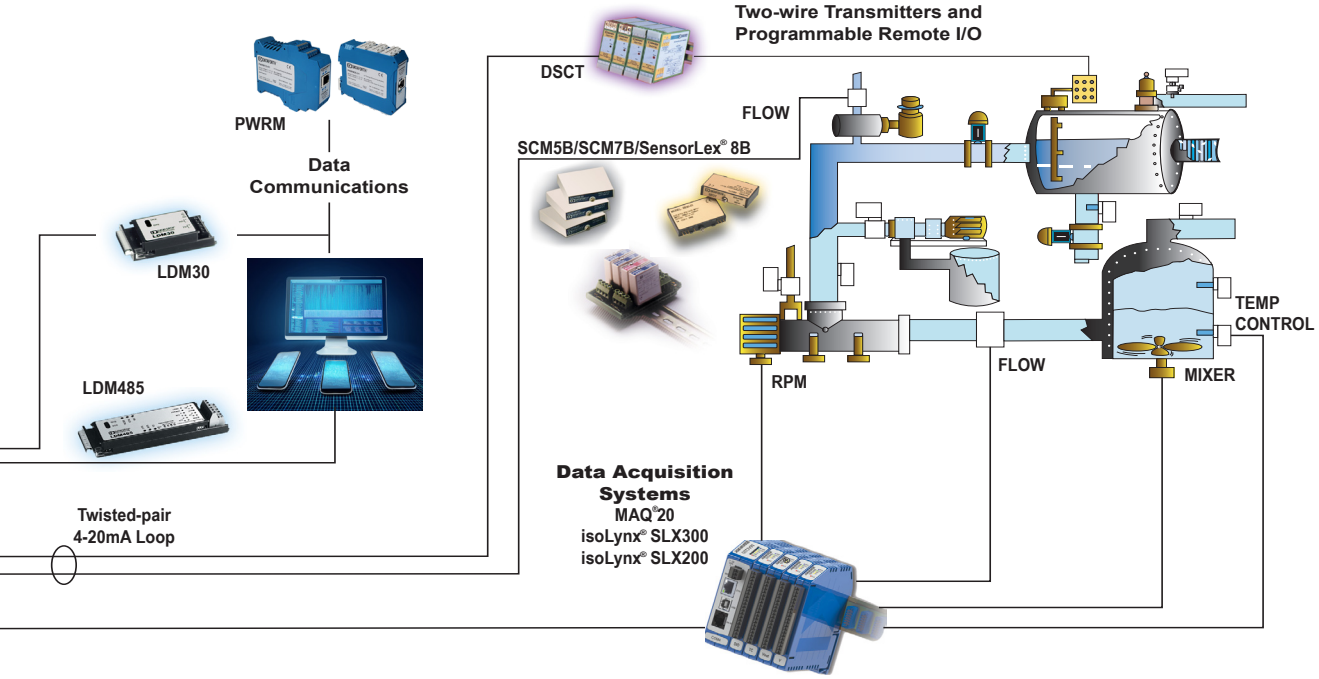
10D-xxxx Coming Soon!

CUSTOM MODULES

Did you know that Dataforth offers a wide range of Custom Modules for those instances when our standard (COTS) line might not be quite the right fit? Check out the extensive line at: **dataforth.com/custom-modules**

Don't see what you are looking for, contact Customer Service at **+1 520-741-1404** or **sales@dataforth.com** to discuss the design and development feasibility of a module just right for your application.

dataforth.com/custom-modules



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All Dataforth Products Manufactured per RoHS III Directive EU 2015/863

The Dataforth Quality Management System is ISO9001:2015 Registered



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