RedLion®
BY HMS NETWORKS

IAMS with Analog Output Signal Conditioner

Item number: IAMS0002

The IAMS with Analog Output Signal Conditioner is a high-performing and highly accurate universal signal conditioner that offers unmatched signal transmission capability from a wide range of sensor types. Detachable programming window makes it easy to program and recalibrate the device, as well as mirror existing configurations to save time.

Easy to use universal signal conditioner with analog output control

Features and benefits

✓ **Universal input accepts wide range of signals**

Connect the module to nearly any signal. Universal input accepts over 100 diffferent combinations of signals, including process, DC current, DC voltage, thermocouples, RTDs, potentiometers and linear resistance signals.

✓ **Analog output control**

Use analog to retransmit analog signals through form A relay.

✓ **High accuracy on factory and custom calibrations**

Over 0.1 % accuracy depending on range selection and scaling. Units are factory calibrated for all I/O ranges. Choose factory or custom field scaling in the advanced programming loop. Can be recalibrated in the field.

✓ **Data and status readouts**

Fixed front, 4-line LCD display provides readout of process data and status.

✓ **Industry certified**

UL-listed approval. FM-approved for installation in Division 2 hazardous locations.

✓ **Multilingual programming**

Programming available in 7 different languages

✓ **3-way signal isolation**

Three-way signal isolation (power/signal/output) satisfies many applications.

✓ **Program once and download to other units**

Easy to configure using the detachable programming display module (PGMMOD). Save time by programming one unit and downloading the configuration to others.

✓ **Easy installation**

Equipped with a universal mounting foot for easy installation to a top hat DIN-rail.

✓ **Designed for harsh environments**

Engineered to deliver uncompromising performance in demanding environments.

✓ **Universal power supply**

Universal power supply with 21.6 to 253 VAC or 19.2 to 300 VDCs.

IAMS with Analog Output Signal Conditioner

General

Net Weight (g)	155.071765
Packed Weight (g)	155.071765
Operating Temperature °C Min	-20
Operating Temperature °C Max	60
Relative Humidity	< 95% RH (non-cond.)
Power Consumption (W)	2
Mounting	DIN rail mount (bracket included)
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	IAMS0002
Country of Origin	United States of America (the)
HS Code	9032890090
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

SD Card Slot	No
Flash Drive	No
Contains Battery	No

Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	No

IAMS with Analog Output Signal Conditioner

Certifications and Standards

CE	Yes
FCC	No
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Vibration and Shock	Vibration: IEC 60068-2-6 : 2007