



## IAMS with Dual Setpoint Signal Conditioner

Item number: IAMS0020

The IAMS with Dual Setpoint 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 dual setpoint control*

### Features and benefits

- ✓ **Universal input accepts wide range of signals**  
Connect the module to nearly any signal. Universal input accepts over 100 different combinations of signals, including process, DC current, DC voltage, thermocouples, RTDs, potentiometers and linear resistance signals.
- ✓ **Dual setpoint control**  
Enable dual setpoint control capability 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 Dual Setpoint Signal Conditioner

## General

Net Weight (g)	170.097
Packed Weight (g)	170.097
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	IAMS0020
Country of Origin	United States of America (the)
HS Code	9032890090
Dual Usage	No

## Physical Features

SD Card Slot	No
Flash Drive	No
Contains Battery	No

## Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	No
CE	Yes



# IAMS with Dual Setpoint Signal Conditioner

## Certifications and Standards

FCC	No
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Vibration and Shock	Vibration: IEC 60068-2-6 : 2 - 13.2 Hz, $\pm 1$ mm; 13.2 - 100 Hz, $\pm 0.7$ g