



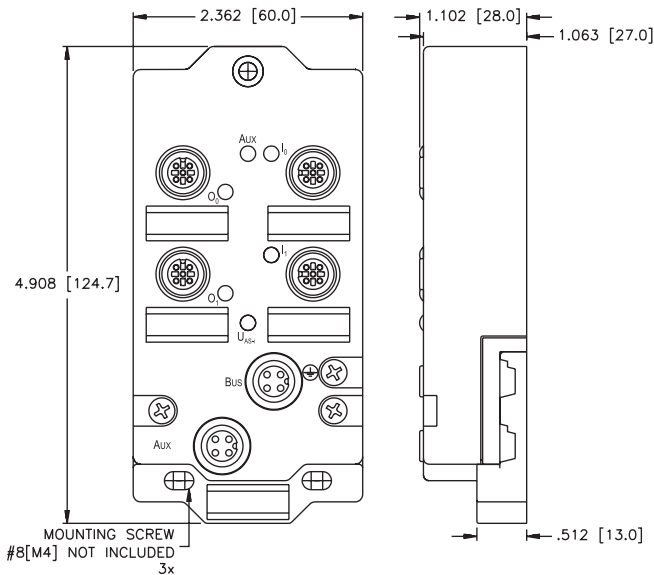
The station provides two input connectors on the right and two output connectors on the left. All inputs are powered from the AS-i supply and outputs are powered from the auxiliary power supply.

Each input connector provides V+, V-, and input. The V+ provides power to the attached sensor. The V+ is short-circuit protected and monitored as a group. The input will work with a PNP sensor or dry contact to V+.

Each output connector provides AUX- and output. The AUX- is the output ground. Outputs are individually short-circuit protected, but monitored as a group.

The **FAS4-S0202G-A** is fully encapsulated and potted and is intended for use directly on a machine with no need for a separate enclosure. This module supports both round cable (via a **eurofast**® connector) and AS-i standard flat cable.

Dimensions



Integrated Design

- Two discrete inputs and two discrete outputs

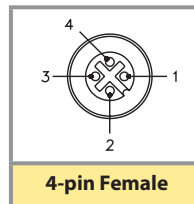
Applications

- For wet and dry environments
- For use with two 3-wire proximity and photoelectric sensors, and two discrete actuators

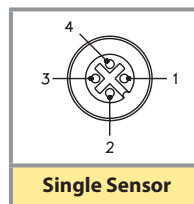
Features

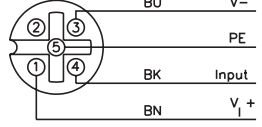
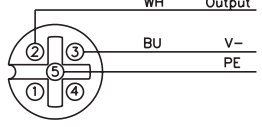
- PNP short-circuit protected inputs
- 0.5 Amp short-circuit protected outputs
- Glass filled nylon with nickel plated brass connectors

<p>Type "AS-interface"</p> <p>Style: 4-pin eurofast®</p> <p>Cordset: Bus Line use RSC 254-*M (Right Angle: WSC 254-*M/C1251)</p> <p>Field Wireable: Bus Line use BS 8141-0/PG 9/ASI</p> <p>* Also supports standard flat AS-i cable</p>	<p>1 = AS-i V+</p> <p>2 = N/C</p> <p>3 = AS-i V-</p> <p>4 = N/C</p>
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<p>Type "Auxiliary"</p> <p>Style: 4-pin eurofast®</p> <p>Cordset: Use RSC 254BK-*M (Right Angle: WSC 254BK-*M/C1251)</p> <p>Field Wireable: Use BS 8141-0/PG 9/ASI</p> <p>* Also supports standard flat AS-i cable</p>	<p>1 = Aux V+</p> <p>2 = N/C</p> <p>3 = Aux V-</p> <p>4 = N/C</p>
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<p>Input</p> <p>Style: 5-pin <i>euromast</i>®</p> <p>Cordset: Single Sensor use RK 4.4T-*-RS 4.4T</p>	<p>1 = V+</p> <p>2 = N/C</p> <p>3 = V-</p> <p>4 = Input</p> <p>5 = PE</p>	 <p>Single Sensor</p>
<p>Output</p> <p>Style: 5-pin <i>euromast</i>®</p> <p>Cordset: RK 4.4T-*-RS 4.4T</p> <p>Field Wireable: Dual Output use BS 8141-0</p>	<p>1 = N/C</p> <p>2 = Output</p> <p>3 = GND</p> <p>4 = N/C</p> <p>5 = PE</p>	 <p>Output</p>

Module Specifications

Electrical

Operating Voltage	18-31 Volts (from AS-i Network)
Internal Consumption	35 mA plus sum of sensor current (from AS-i Network)

Input Circuits (2) PNP 3-wire sensors or dry contacts

Input Short-Circuit	180 mA (total shared w/outputs, short-circuit protected)
Input Signal State	Off <2 mA
	On = 3.0-3.4 mA
Input Delay	2.5 ms

Output Circuits

Output Current	Up to 700 mA (from auxiliary power)
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LED Indications

I/O LED	Off = Off	Green = On	Red = Shorted (just for outputs)
AS-i Network	Off = Off	Green = Ok	Red/Green = Fault

Connections

AS-interface	<i>euromast</i> ® or flat cable (via included base module)
I/O	<i>euromast</i> or flat cable (via included base module)
Splitter	VBRS 4.4-2RK 4T-*/* (sold separately)

Device Address

Address Adjustment	1A - 31A, 1B - 31B (v 2.1)
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Mechanical

Material	Glass filled nylon w/ nickel plated brass connectors
Operating Temperature	-25° to +70°C
Protection	IP 67

I/O Data	D3	D2	D1	D0	IO Code B ID Code A ID2 Code E
	O3-Not Used	O2-Not Used	O1	O0	
	I3	I2	I1-Not Used	I0-Not Used	
Parameter Group	P3	P2	P1	P0	
	Not Used	Not Used	OGS Enable	IGS Enable	

Current parameter P0 represents IGS and P1 represents OGS. I/O faults are reported via the AS-i peripheral fault bit.