FAS8-S0404G-A



This module provides eight connectors; four with PNP inputs and four with PNP outputs for connection to AS-interface®.

A short-circuit on any I/O piont is indicated by a fault signal per the AS-i V3.0 specification. All inputs and outputs are powered from the auxillary power supply. The station is fully encapsulated and potted; it is intended for use directly on a machine with no need for a separate enclosure.

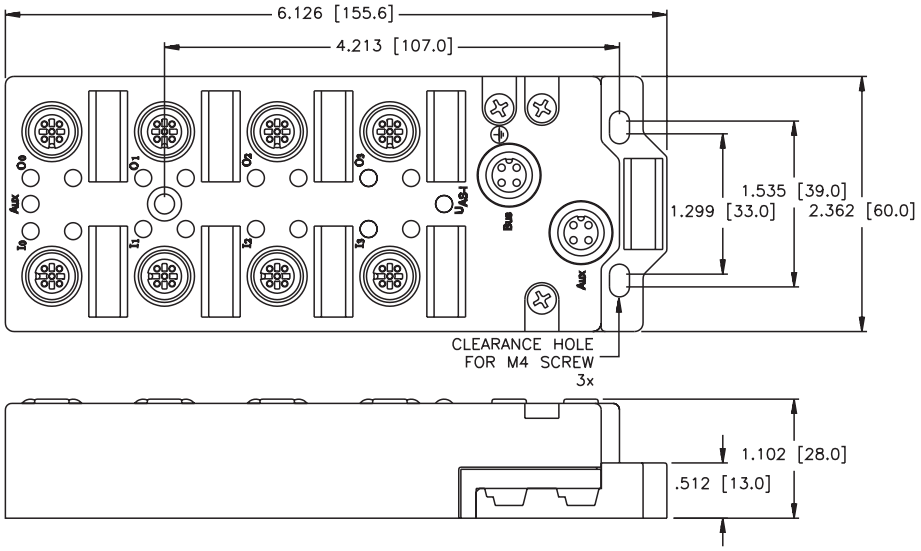
This module supports both round cable (via a ***eurofast*®** connector) and AS-i standard flat cable. This station supports extended address mode (1-31 A/B).

Integrated Design
- AS-interface® station
- Four input and four outpurs

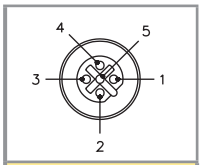
Applications
- For wet and dry environments
- For use with four 3-wire discrete sensors

Features
- PNP short-circuit protected inputs
- Gas filled nylon with nickel plated brass connectors

Dimensions:

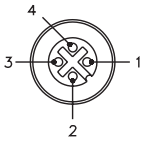


Type "I/O" **Style:** 5-pin ***eurofast*** **Cordset:** **RK 4.4T-*-RS 4.4T** **Field Wireable:** **BS 8141-0**	**J1-J4** 1 = V+ 2 = N/C 3 = V- 4 = Input 5 = PE	**J5-J8** 1 = N/C 2 = Output 3 = V- 4 = N/C 5 = PE



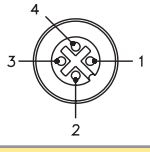
I/O Systems

Type "Bus" **Style:** 4-pin ***eurofast*** **Cordset:** Bus Line, **RSC 254-*M (Right Angle: WSC 254-*M/C1251)** **Field Wireable:** Bus Line, **BS 8141-0/PG9/ASI** Note: Also supports standard flat AS-i cable	1 = AS-i V+ 2 = N/C 3 = AS-i V- 4 = N/C



Bus

Type "Auxillary" **Style:** 4-pin ***eurofast*** **Cordset:** Bus Line, **RSC 254BK-*M (Right Angle: WSC 254BK-*M/C1251)** **Field Wireable:** Bus Line, **BS 8141-0/PG9/ASI** Note: Also supports standard flat AS-i cable	1 = Aux V+ 2 = N/C 3 = Aux V- 4 = N/C



Auxillary

* Cable length in meters.

Module Specifications:

Electrical	
Operating Voltage	18-31 Volts (from AS-i Network)
Internal Consumption	<50 mA

Input Circuits	(4) PNP 3-wire sensors or dry contacts
Input Short-Circuit	700 mA (total from auxiliary power, shared with all inputs)
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 per output (from Auxillary power)

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	***eurofast*®** or flat cable (via included base module)
Auxillary Power	***eurofast*** or flat cable (via included base module)
I/O	***eurofast***

Device Address	
Address Adjustment	1-31 A/B

Mechanical	
Material	Glass filled nylon w/ nickel plated brass connectors
Operating Temperature	-25° to +70°C
Protection	IP67

I/O Data	D3	D2	D1	D0	**IO Code 7** **ID Code A** **ID2 Code 7**
	O3	O2	O1	O0	
	I3	I2	I1	I0	
Parameter Group	P3	P2	P1	P0	
	Not Used	Not Used	OGS Enable	IGS Enable	

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