Standard Input Stations

FLDP-IM 8-0001
FLDP-IM 16-0001

- **Rugged, Fully Potted Stations**
- **IP 67 Protection**
- **Rotary Address Switches**
- **Automatic Baud Rate Sensing**

Electrical
- Operating Current: <110 mA plus sum of input currents (from U_B)
- Sensor Current: <500 mA per four inputs (from U_B)

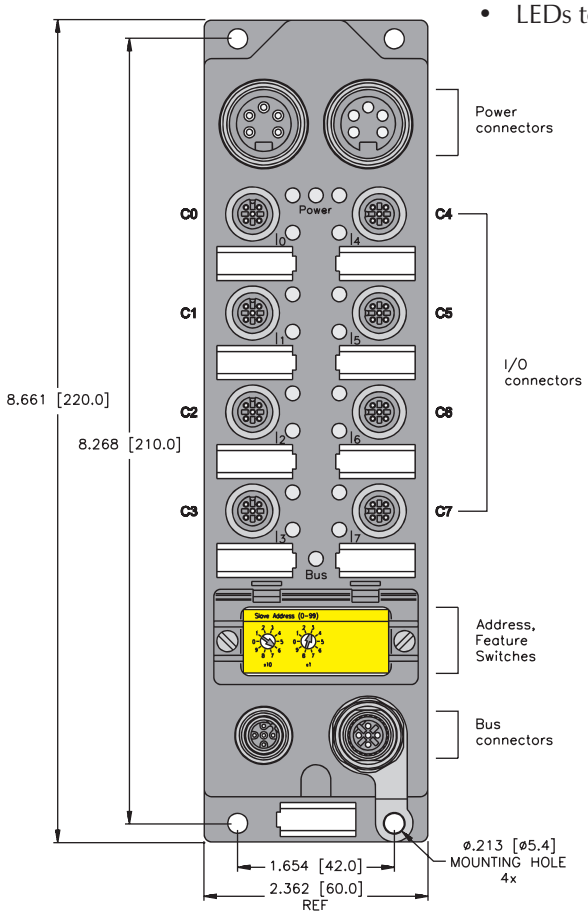
Power Distribution
- Inputs: U_B power supply

Mechanical
- Operating Temperature: 0 to +55°C (+32 to +131°F)
- Protection: NEMA 1,3,4,12,13 / IEC IP 67
- Vibration: 50 g @ 10-500 Hz

Material
- Connectors: Nickel-plated brass
- Housing: Nylon 6

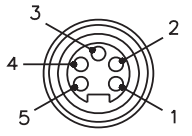
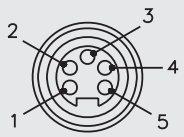
Diagnostics (Logical)
- Input short-circuit and power supply status mapped to PROFIBUS diagnostic table, one bit indicating each fault for the entire station

Diagnostics (Physical)
- One (...IM 8-0001) or two (...IM 16-0001) LEDs indicates short-circuit for I/O groups
- LEDs to indicate status of PROFIBUS communication and power supply



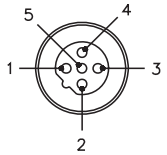
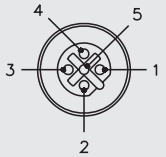
minifast® Power Pinouts

1 = Gnd
2 = Gnd
3 = PE
4 = U_B
5 = NC

Male	Female
	
5-Pin	5-Pin

PROFIBUS _eurofast_® Pinouts

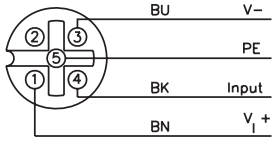
1 = 5 VDC*
2 = BUS _A
3 = Gnd
4 = BUS_B
5 = Shield
* Female connector only

Male	Female
	
5-Pin	5-Pin

Inputs									Data
Part Number	Input Count	Connectors	Pinout	Inputs per Connector	Sensor Style	Group Diagnostics	Individual Diagnostics	Wire-Break Detection	I/O Map
FLDP-IM 8-0001	8	0-7	S	1	PNP	X			1
FLDP-IM 16-0001	16	0-7	2S	2	PNP	X			2

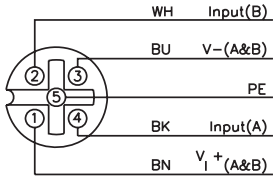
Input Connectors

S



Mating cordset:
RK 4.4T-*-RS 4.4T

2S



Mating cordset:
RK 4.4T-*-RS 4.4T
Splitter:
VBRS 4.4-2RK 4T-*/*

I/O Data Map 1

In	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	I-7	I-6	I-5	I-4	I-3	I-2	I-1	I-0
Diagnosis									
Status	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	-	-	-	-	-	V_I	-	SC

I/O Data Map 2

In	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	I-7	I-6	I-5	I-4	I-3	I-2	I-1	I-0
	1	I-15	I-14	I-13	I-12	I-11	I-10	I-9	I-8
Diagnosis									
Status	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	-	-	-	-	-	V_I	-	SC