DeviceNet Modules
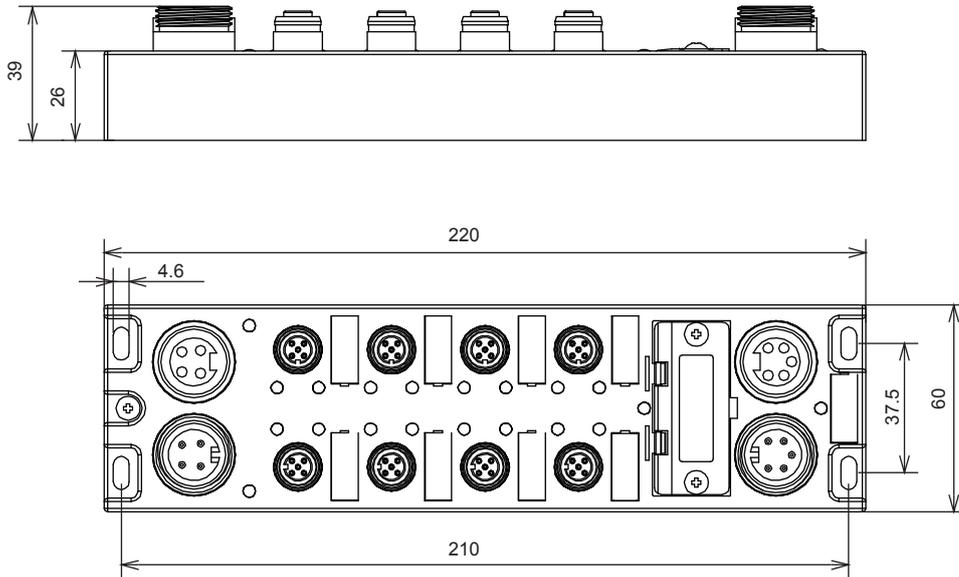

- Integrated structure design

- Free selection input and output channels

- Short-circuit and overload protection
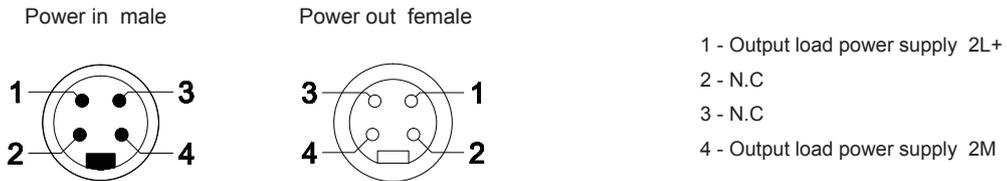
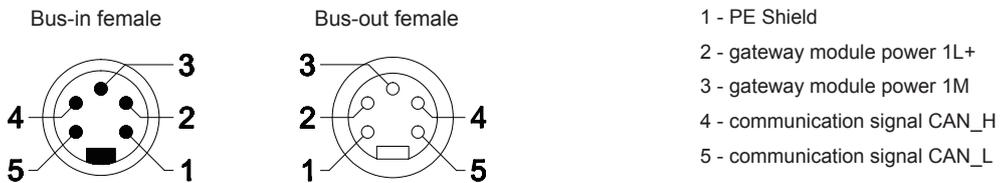| Ordering data			
Type	FCDN-1600P-M12	FCDN-0808P-M12	FCDN-16UP-M12
I/O Configurations	16 input PNP, 8 x M12	8 input+8 output PNP, 8 x M12	16 configurable input/output, PNP, 8 x M12
Fieldbus			
Transfer protocol	DeviceNet		
Operating mode	Polling; change of state; cyclic		
Transfer rate	125, 250, 500 kbps		
Address settings	0…63, rotary switch		
Power supply			
Supply voltage	24 VDC (18…30V)		
Module consumption current	Max. 200 mA		
Output supply current	Total max. 8 A		
Electrical isolation	Module / Ui and Uo voltage isolation		
Port type			
Power supply	2 x 7/8" 4pin, male+female		
Bus communication	2 x 7/8" 5pin, male+female		
Signal connection	8 x M12 A-code 4pin, female		
Electrical parameters			
Number of input channels	16	8	Max.16
Input supply current	Max.200 mA per channel		
Input signal type	PNP sensor, stroke switch, dry contact, etc.		
Input delay	2.5 ms		
Number of output channels	-	8	Max.16
Output rated current	Max. 2 A per channel, total max.8 A		
Output signal type	Indicator, miniature solenoid valve, etc.		
Output switch frequency	Resistive load 100 Hz, inductive load 5 Hz		
Diagnostics			
Communication status	LED indicator, communication message		
Supply monitoring	Yes, low voltage alarm		
Short-circuit and overload protection	Yes, LED indicator		
General data			
Protection class	IP67		
Temperature range	Operating temperature -25...+70 °C, storage temperature -40...+85 °C		
Mounting method	4-hole screw mounting		
Dimensions	60 x 220 x 39 mm		

ELCO
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Dimensions

Power port diagram

Power in male

Power out female

1 - Output load power supply 2L+

2 - N.C

3 - N.C

4 - Output load power supply 2M

Bus port diagram

Bus-in female

Bus-out female

1 - PE Shield

2 - gateway module power 1L+

3 - gateway module power 1M

4 - communication signal CAN_H

5 - communication signal CAN_L

Signal port diagram

Signal port   female

1 - power supply 24V+

2 - signal input / output B

3 - power supply GND

4 - signal input / output A