

On-Machine Block I/O

On-machine (IP67/69K) block I/O does not require an enclosure, allowing it to be mounted directly on the machine. Featuring a hardened and potted enclosure, TURCK on-machine block I/O modules are ideal for use in harsh applications, such as mobile equipment, automotive and food and beverage. Modules offer quick connection and are used as fixed I/O points, with the exception of the TURCK BL compact, which provides flexible modular I/O performance.



FGEN Ethernet digital block I/O

- Features Multiprotocol capability for Modbus[®] TCP, EtherNet/IP[™] or PROFINET[®]
- Freely configurable I/Os
- Channel-specific diagnostics
- Up to 16 channels



FDN DeviceNet[™] block I/O

- DeviceNet[™] or Isolated I/O power supply
- Channel- or module-specific diagnostics
- Three housing sizes to support 8 or 16 channels



BL Compact Flexible block I/O

- Features Multiprotocol capability for Modbus[®] TCP, EtherNet/IP[™] or PROFINET[®]
- Also available in CANopen, DeviceNet[™] and PROFIBUS
- Supports digital, analog, RFID and specialty I/O
- Fully encapsulated module electronics
- Flexibility of modular I/O in a block design



FLDP/FXDP

- Diagnostics according to PROFIBUS standard
- Freely configurable I/Os
- Channel-specific diagnostics
- Up to 32 channels



FAS

- Two housing sizes; 4 and 8 port
- Up to 8 channels
- V3.0 compatible



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Discrete I/O	E5
Analog/Advanced I/O	E17

ON-MACHINE BLOCK I/O

On-Machine Block I/O Part Number Key

BLC

EN

-

8

M12

L

T

Flexible Block I/O Station

Network
DN = DeviceNet™
DP = PROFIBUS®-DP
CO = CANopen
EN-IP = EtherNet/IP™
EN = Multiprotocol (EtherNet/IP™, Modbus® TCP, PROFINET®)

Number of IO Ports
1 = 1 port
2 = 2 ports
3 = 3 ports
4 = 4 ports
5 = 5 ports
6 = 6 ports
8 = 8 ports
16 = 16 ports (only with M8 connectors)

Type of I/O Connectors
M8 = picofast ® M8x1
M12 = eurofast ® M12x1

Connector Material/Modifier
Blank = Nickel Plated Brass
V = Stainless Steel
W = Reverse Keyed, Nickel Plated Brass

Housing Style
S = Small Housing - One I/O slice, no Aux. Power
M = Medium Housing - One I/O slice
L = Large Housing - Two I/O slices

Auxiliary Power Connector
(blank) = No Aux Power Connector
T = Aux Power Present - Built in Tee

4AI-VI

-

8DI-P

I/O Type Position #2
4DI-P
4DI-PD
8DI-P
8DI-N
8DI-PD
8XSG-P
8XSG-PD
4DO-0.5A-P
4DO-2A-P
4DO-2A-N
8DO-0.5A-P
8DO-0.5A-N
8DO-R-NO**
2RFID-S
2RFID-A (PROFIBUS-DP only)

I/O Type Position #1
4DI-P
4DI-PD
8DI-P
8DI-N
8DI-PD
8XSG-P
8XSG-PD
4DO-0.5A-P
4DO-2A-P
4DO-2A-N
8DO-0.5A-P
8DO-0.5A-N
8DO-R-NO*
2RFID-S
2RFID-A (PROFIBUS® DP only)

2AI-I
2AI-V
2AI-PT
2AI-TC
4AI-VI
4AI-TC
2AO-I
2AO-V
4AO-V
2AI2AO-VI
4AI4AO-VI

2AI-I
2AI-V
2AI-PT
2AI-TC
4AI-VI
4AI-TC
2AO-I
2AO-V
4AO-V
2AI2AO-VI
4AI4AO-VI
1RS232
1RS485-422
1SSI
1CNT-ENC

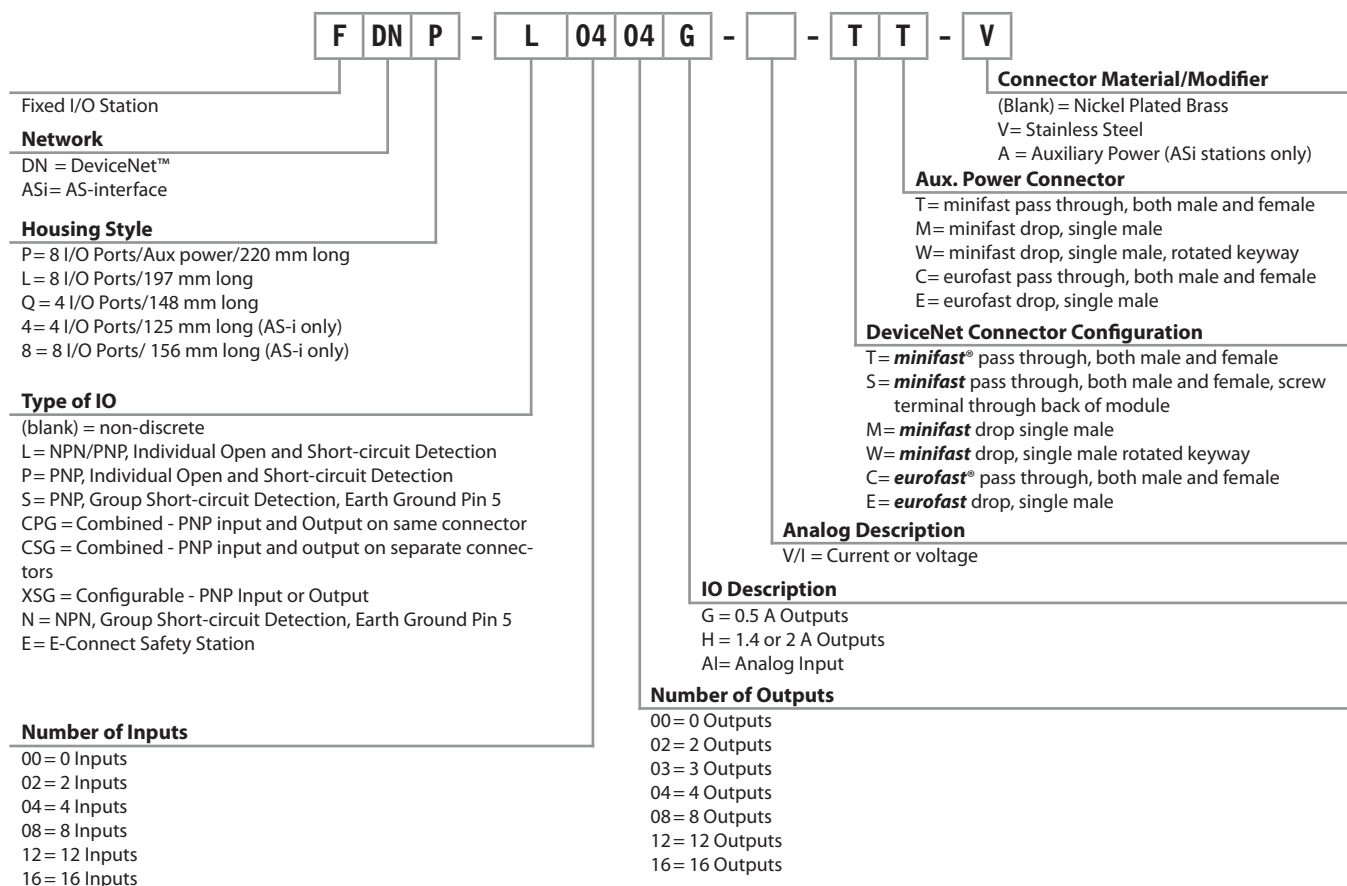
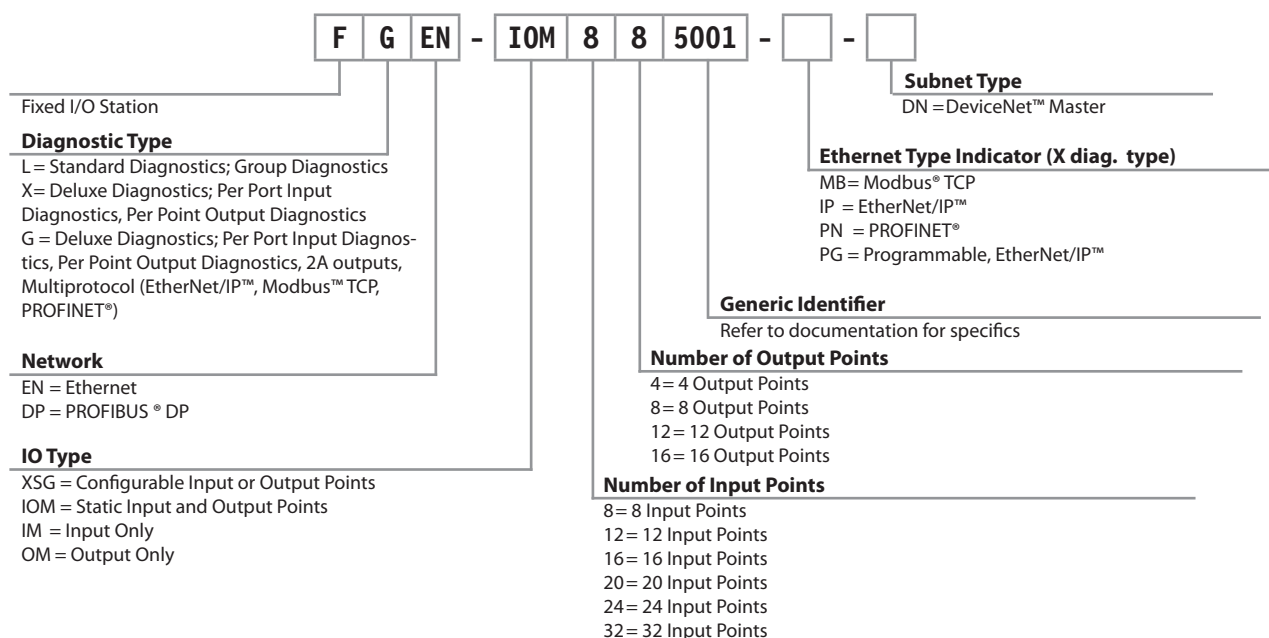
*8M8/16M8 housings only
** 16M8 housings only

E3 B3027

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On-Machine Block I/O Part Number Key

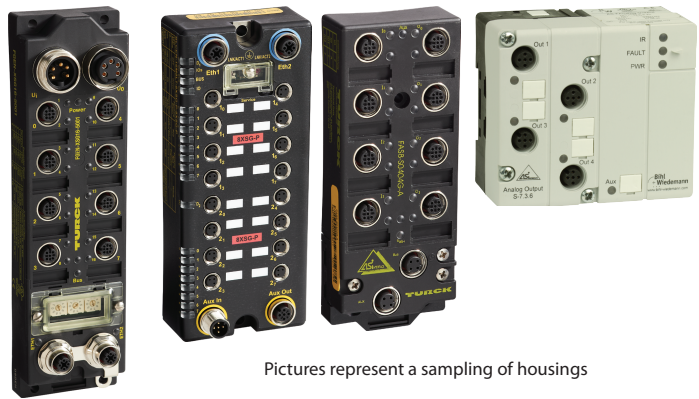


ON-MACHINE BLOCK I/O

Discrete I/O

- PNP Style I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)
- Nickel Plated Brass Connectors*
- IP67*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	FDNL-CSG88-W	DeviceNet™	
	FDNL-L1600-T	DeviceNet	
	FDNL-N1600-T	DeviceNet	
	FDNL-S0808HI-MM	DeviceNet	x
	FDNL-S1600-T	DeviceNet	
	FDNL-S1600-W	DeviceNet	
	FDNL-SN0808N-C	DeviceNet	
	FDNL-XSG16-T	DeviceNet	

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No. of Inputs	No. of Outputs	Deluxe Diagnostics	Certifications	Notes
8	8		UL, CE, CSA	Single 7/8" Fieldbus Connector
16		x	UL, CE, CSA, FM	PNP / NPN Configurable Inputs
16			UL, CE, CSA, FM	NPN Style Inputs
8	8		UL, CE, CSA, FM	High Power 2A Outputs
16			UL, CE, CSA, FM	
16			UL, CE, CSA	Single 7/8" Fieldbus Connector
8	8		UL, CE, CSA, FM	PNP / NPN Configurable Inputs, NPN Outputs, M12 Fieldbus Connectors
16	16		UL, CE, CSA, FM	16 Configurable Input or Output Channels

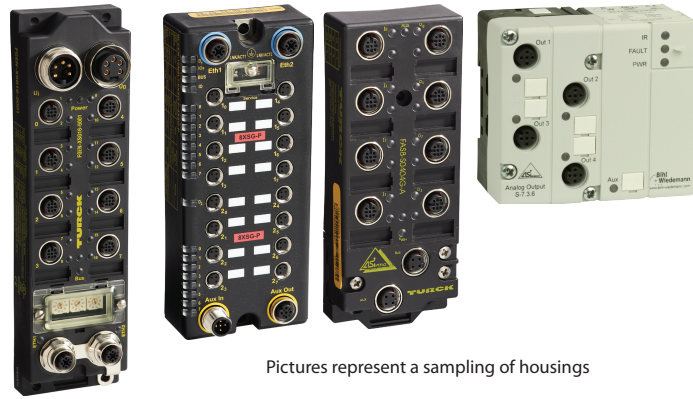
On-Machine Block

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- PNP Style I/O*
- 0.5A Outputs*
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Housing Style	Part Number	Protocol	Aux. Power
	FGEN-IM16-4001	Multiprotocol	x
	FGEN-IM16-5001	Multiprotocol	x
	FGEN-IOM88-4001	Multiprotocol	x
	FGEN-IOM88-5001	Multiprotocol	x
	FGEN-OM16-4001	Multiprotocol	x
	FGEN-OM16-5001	Multiprotocol	x
	FGEN-XSG16-4001	Multiprotocol	x
	FGEN-XSG16-5001	Multiprotocol	x
	FDNP-L0808H-TT	DeviceNet™	x
	FDNP-P0808H-TT	DeviceNet	x
	FDNP-S0808G-TT	DeviceNet	x
	FDNP-S0808G-WW	DeviceNet	x
	FDNP-S0808H-WW	DeviceNet	x
	FDNP-XSG16-ST	DeviceNet	x
	FDNP-XSG16-TT	DeviceNet	x
	FLDP-IM 16-0001	PROFIBUS®-DP	x
	FLDP-IOM 88-0002	PROFIBUS-DP	x
	FLDP-OM 16-0001	PROFIBUS-DP	x
	FXDP-IM 16-0001	PROFIBUS-DP	x
	FXDP-IOM 88-0001	PROFIBUS-DP	x
	FXDP-OM 16-0001	PROFIBUS-DP	x
	FXDP-XSG16-0001	PROFIBUS-DP	x

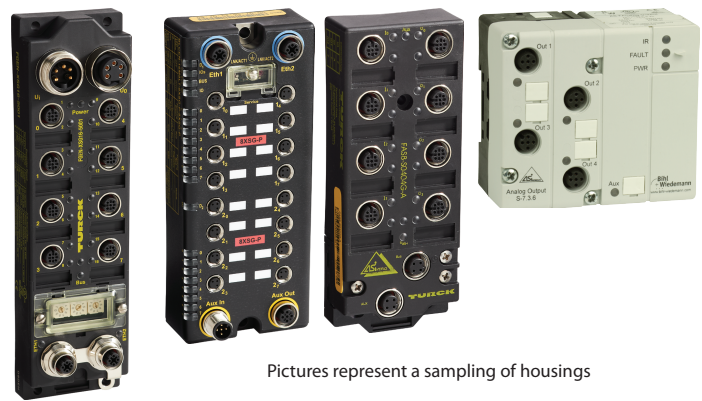
No. of Inputs	No. of Outputs	Deluxe Diagnostics	Certifications	Notes
16		x	CE	4-pin Aux Power Connectors
16		x	CE	
8	8	x	CE	High Power 2A Outputs, 4-pin Aux Power Connectors
8	8	x	CE	High Power 2A Outputs
	16	x	CE	High Power 2A Outputs, 4-pin Aux Power Connectors
	16	x	CE	High Power 2A Outputs
16	16	x	CE	High Power 2A Outputs, 16 Configurable Input or Output Channels, 4-pin Aux Power Connectors
16	16	x	CE	High Power 2A Outputs, 16 Configurable Input or Output Channels
8	8	x	UL, CE, CSA	PNP / NPN Configurable Inputs, High Power 2A Outputs
8	8	x	UL, CE, CSA	High Power 2A Outputs
8	8		UL, CE, CSA, FM	
8	8		UL, CE, CSA	Single 7/8" Fieldbus Connector, Single 7/8" Aux Power Connector
8	8		UL, CE, CSA	High Power 1.4A Outputs, Single 7/8" Fieldbus Connector, Single 7/8" Aux Power Connector
16	16		UL, CE, CSA	16 Configurable Input or Output Channels , Screw Terminal Connections Out Back
16	16		UL, CE, CSA, FM	16 Configurable Input or Output Channels
16			UL, CE, CSA	
8	8		UL, CE	
	16		UL, CE, CSA	
16		x	UL, CE, CSA	
8	8	x	UL, CE, CSA	High power 1.4A Outputs
	16	x	UL, CE, CSA	High Power 1.4A Outputs
16	16	x	UL, CE, CSA	High power 1.4A Outputs, 16 Configurable Input or Output Channels

ON-MACHINE BLOCK I/O

Discrete I/O

- PNP Style I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)
- Nickel Plated Brass Connectors*
- IP67*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	FLDP-IM 32-0001	PROFIBUS®-DP	x
	FLDP-IOM 1616-0001	PROFIBUS-DP	x

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No. of Inputs	No. of Outputs	Deluxe Diagnostics	Certifications	Notes
32			UL, CE, CSA	
16	16		UL, CE, CSA	

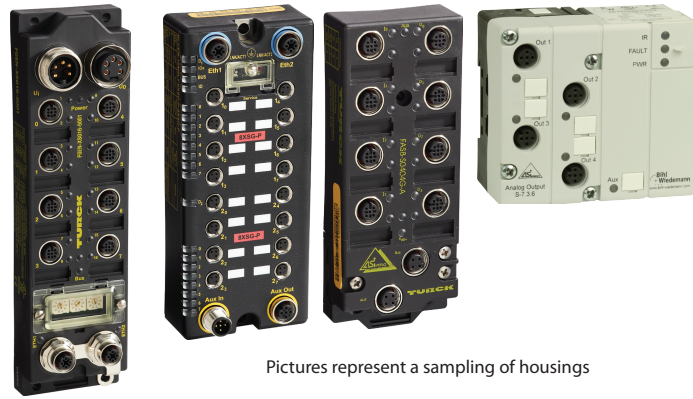
On-Machine Block

ON-MACHINE BLOCK I/O

Discrete I/O

- PNP Style I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)
- Nickel Plated Brass Connectors*
- IP67*

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Housing Style	Part Number	Protocol	Aux. Power
	BLCEN-16M8LT-8XSG-P-8XSG-P	Multiprotocol	x
	BLCCO-16M8LT-8XSG-P-8XSG-P	CANopen	x
	BLCCO-8M12L-8DI-P-8DI-P	CANopen	
	BLCCO-8M12LT-4D0-0.5A-P-4D0-0.5A-P	CANopen	x
	BLCCO-8M12LT-8XSG-P-8XSG-P	CANopen	x
	BLCDN-16M8L-8DI-N-8DI-N	DeviceNet™	
	BLCDN-16M8L-8DI-P-8DI-P	DeviceNet	
	BLCDN-16M8L-8XSG-P-8XSG-P	DeviceNet	
	BLCDN-16M8LT-8D0-0.5A-N-8D0-0.5A-N	DeviceNet	x
	BLCDN-16M8LT-8D0-0.5A-P-8D0-0.5A-P	DeviceNet	x
	BLCDN-16M8LT-8XSG-P-8XSG-P	DeviceNet	x
	BLCDN-8M12L-8DI-P-8DI-N	DeviceNet	
	BLCDN-8M12LT-4D0-2A-N-4D0-2A-N	DeviceNet	x
	BLCDN-8M12LT-4D0-2A-P-4D0-2A-P	DeviceNet	x
	BLCDN-8M12LT-8DI-N-8D0-0.5A-N	DeviceNet	x
	FDNQ-S0404G-MM	DeviceNet	x
	FDNQ-S0404G-T	DeviceNet	
	FDNQ-S0800-T	DeviceNet	
	FDNQ-XSG08-T	DeviceNet	

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No. of Inputs	No. of Outputs	Deluxe Diagnostics	Certifications	Notes
16	16		UL, CE	16 Configurable Input or Output Channels, M8 I/O connectors
16	16		UL, CE	16 Configurable Input or Output Channels, M8 I/O connectors
16			UL, CE	
	8		UL, CE	
16	16		UL, CE	16 Configurable Input or Output Channels
16			UL, CE	NPN Inputs, M8 I/O Connectors
16			UL, CE	M8 I/O Connectors
16	16		UL, CE	16 Configurable Input or Output Channels, M8 I/O connectors
	16		UL, CE	NPN Style Outputs, M8 I/O Connectors
	16		UL, CE	M8 I/O Connectors
16	16		UL, CE	16 Configurable Input or Output Channels, M8 I/O connectors
16			UL, CE	8 PNP Style Inputs, 8 NPN Style Inputs
	8		UL, CE	High Power 2A Outputs, NPN Style Outputs
	8		UL, CE	High Power 2A Outputs
8	8		UL, CE	NPN Style Input and Output points
4	4		UL, CE, CSA, FM	
4	4		UL, CE, CSA, FM	
8			UL, CE, CSA, FM	
8	8		UL, CE, CSA, FM	8 Configurable Input or Output Channels

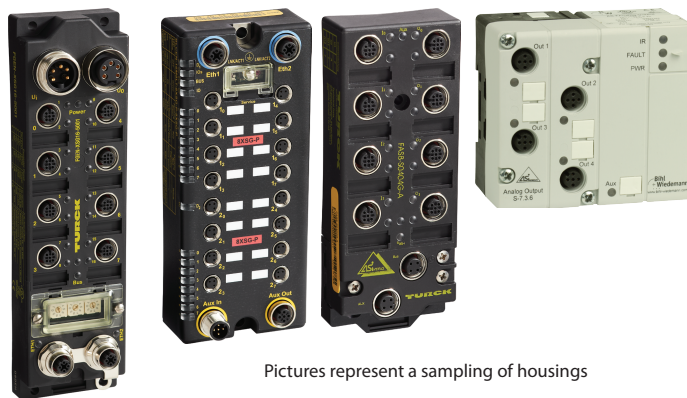
On-Machine Block

ON-MACHINE BLOCK I/O

Discrete I/O

- PNP Style I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)
- Nickel Plated Brass Connectors*
- IP67*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	BLCCO-4M12S-4DI-P	CANopen	
	BLCCO-4M12S-8XSG-P	CANopen	
	BLCCO-8M8S-8XSG-P	CANopen	
	BLCDN-8M8S-8DI-N	DeviceNet™	
	BLCDN-8M8S-8DI-P	DeviceNet	
	BLCEN-4M12MT-8DI-P	Multiprotocol	x
	BLCEN-4M12MT-8DO-0.5A-P	Multiprotocol	x
	BLCEN-8M8MT-8XSG-P	Multiprotocol	x
	BLCCO-4M12MT-4DO-0.5A-P	CANopen	x
	BLCCO-4M12MT-4DO-2A-P	CANopen	x
	BLCDN-4M12MT-4DO-2A-N	DeviceNet	x
	BLCDN-4M12MT-4DO-2A-P	DeviceNet	x

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No. of Inputs	No. of Outputs	Deluxe Diagnostics	Certifications	Notes
4			UL, CE	
8	8		UL, CE	8 Configurable Input or Output Channels
8	8		UL, CE	8 Configurable Input or Output Channels, M8 I/O Connectors
8			UL, CE	NPN Style Inputs, M8 I/O Connectors
8			UL, CE	M8 I/O Connectors
8			UL, CE	
	8		UL, CE	
8	8		UL, CE	8 Configurable Input or Output Channels, M8 I/O Connectors
	4		UL, CE	
	4		UL, CE	High Power 2A Outputs
	4		UL, CE	High Power 2A Outputs, NPN Style Outputs
	4		UL, CE	High Power 2A Outputs

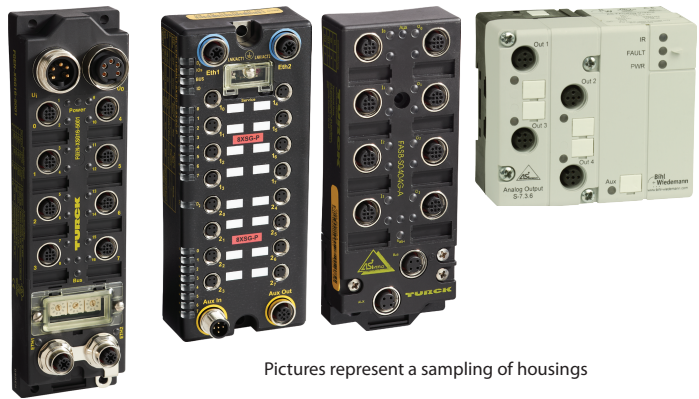
On-Machine Block

ON-MACHINE BLOCK I/O

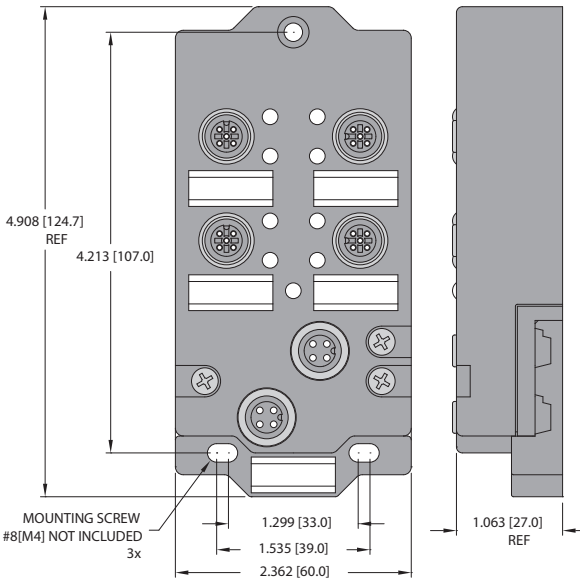
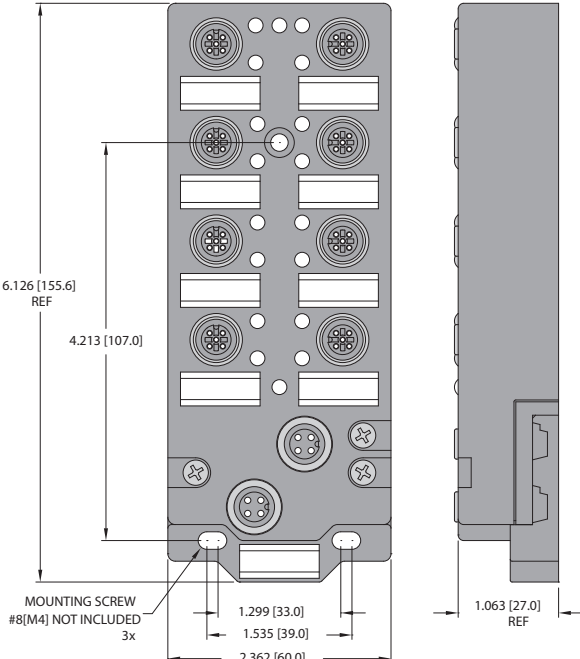
Discrete I/O

- PNP Style I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)
- Nickel Plated Brass Connectors*
- IP67*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	FAS4-CSG43-A	AS-I	x
	FAS4-CSG44	AS-I	
	FAS4-CSG44-A	AS-I	x
	FAS4-S0003G-A	AS-I	x
	FAS4-S0400	AS-I	
	FAS8-S0404G-A	AS-I	x
	FAS8-S0404H-A	AS-I	x

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No. of Inputs	No. of Outputs	Deluxe Diagnostics	Certifications	Notes
4	3			AS-I Version 2.1, AB Addressing, 700 mA Outputs
4	4		UL, CSA	AS-I Version 2.1, Single Addressing, 400mA outputs
4	4		UL, CSA	AS-I Version 2.1, Single Addressing, 700 mA outputs
	3		UL, CSA	Output power of 700 mA
4			UL, CSA	
4	4			AS-I Version 3.0, AB Addressing, 700 mA Outputs
4	4			AS-I Version 3.0, AB Addressing, High Power 2A Outputs

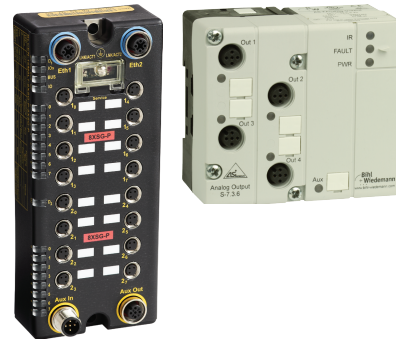
On-Machine Block

ON-MACHINE BLOCK I/O

Analog/Advanced I/O

- PNP Style Discrete I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)*
- Nickel Plated Brass Connectors*
- IP69K*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	BLCEN-6M12LT-2RFID-S-8XSG-P	MultProtocol	x
	BLCEN-3M12LT-1RS232-2RFID-S	Multiprotocol	x
	BLCEN-4M12LT-2AI-PT-2AI-PT	Multiprotocol	x
	BLCEN-4M12LT-2RFID-S-2RFID-S	Multiprotocol	x
	BLCEN-6M12LT-4AI-VI-2A0-I	Multiprotocol	x
	BLCEN-8M12LT-4AI4A0-VI-4AI4A0-VI	Multiprotocol	x
	BLCEN-8M12LT-4AI-VI-4AI-VI	Multiprotocol	x
	BLCEN-IP-8M12LT-4AI-TC-4AI-TC	Multiprotocol	x
	BLCCO-4M12L-2AI-PT-2AI-PT	CANopen	
	BLCCO-4M12L-2RFID-S-2RFID-S	CANopen	
	BLCCO-6M12L-4AI-VI-2A0-I	CANopen	
	BLCCO-6M12LT-2RFID-S-8XSG-P	CANopen	x
	BLCCO-8M12L-4AI-VI-4AI-VI	CANopen	
	BLCCO-8M12LT-4AI-VI-4D0-0.5A-P	CANopen	x
	BLCCO-8M12LT-4AI-VI-8XSG-P	CANopen	x
	BLCDN-4M12L-2AI-PT-2AI-PT	DeviceNet™	
	BLCDN-4M12L-2A0-I-2A0-I	DeviceNet	
	BLCDN-4M12L-2RFID-S-2RFID-S	DeviceNet	
	BLCDN-6M12L-4AI4A0-VI-4DI-P	DeviceNet	
	BLCDN-6M12L-4AI-VI-2A0-I	DeviceNet	
	BLCDN-6M12LT-2RFID-S-8XSG-PD	DeviceNet	x
	BLCDN-8M12L-4AI-TC-4AI-TC	DeviceNet	
	BLCDN-8M12L-4AI-VI-4AI-VI	DeviceNet	
	BLCDN-8M12LT-4AI-VI-8XSG-PD	DeviceNet	x
	BLCDP-4M12LT-2AI-PT-2AI-PT	PROFIBUS-DP	x

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Number of Inputs	Number of Outputs	Number of Tech Channels	Housing Style	Deluxe Diagnostics	Certifications	Notes
8	8	2	D		UL, CE	2 RFID Channels, 8 Configurable Discrete Inputs or Outputs
		3	D		UL, CE	1 RS232 Channel, 2 RFID Channels
4			D		UL, CE	4 RTD Analog Inputs
		4	D		UL, CE	4 RFID Channels
4	2		D		UL, CE	4 Configurable Analog Inputs, 2 Current Analog Outputs
8	8		D		UL, CE	8 Configurable Analog Inputs, 8 Voltage Analog Outputs
8			D		UL, CE	8 Configurable Analog Inputs
8			D		UL, CE	8 Thermocouple Analog Inputs
4			D		UL, CE	4 RTD Analog Inputs
		4	D		UL, CE	4 RFID Channels
4	2		D		UL, CE	4 Configurable Analog Inputs, 2 Current Analog Outputs
8	8	2	D		UL, CE	2 RFID Channels, 8 Configurable Discrete Inputs or Outputs
8			D		UL, CE	8 Configurable Analog Inputs
4	4		D		UL, CE	4 Configurable Analog Inputs, 4 Discrete Outputs
12	8		D		UL, CE	4 Configurable Analog Inputs, 8 Configurable Discrete Inputs or Outputs
4			D		UL, CE	4 RTD Analog Inputs
	4		D		UL, CE	4 Current Analog Outputs
		4	D		UL, CE	4 RFID Channels
8	4		D		UL, CE	4 Configurable Analog Inputs, 4 Voltage Analog Outputs, 4 Discrete Inputs
4	2		D		UL, CE	4 Configurable Analog Inputs, 2 Current Analog Outputs
8	8	2	D	x	UL, CE	2 RFID Channels, 8 Configurable Discrete Inputs or Outputs
8			D		UL, CE	8 Thermocouple Analog Inputs
8			D		UL, CE	8 Configurable Analog Inputs
12	8		D	x	UL, CE	4 Configurable Analog Inputs, 8 Configurable Discrete Inputs or Outputs
4			D		UL, CE	4 RTD Analog Inputs

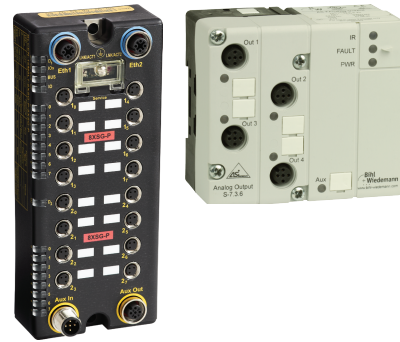
On-Machine Block

ON-MACHINE BLOCK I/O

Analog/Advanced I/O

- PNP Style Discrete I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)*
- Nickel Plated Brass Connectors*
- IP69K*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	BLCDP-6M12LT-2AI-PT-8XSG-PD	PROFIBUS®-DP	x
	BLCDP-6M12LT-2A0-I-8XSG-PD	PROFIBUS-DP	x
	BLCDP-6M12LT-2A0-V-8XSG-PD	PROFIBUS-DP	x
	BLCDP-6M12LT-2RFID-S-8XSG-PD	PROFIBUS-DP	x
	BLCDP-8M12LT-4AI-VI-4AI-VI	PROFIBUS-DP	x
	BLCDP-8M12LT-4AI-VI-8XSG-PD	PROFIBUS-DP	x
	BLCC0-2M12S-2A0-V	CANopen	
	BLCC0-2M12S-2RFID-S	CANopen	
	BLCC0-4M12S-4AI-TC	CANopen	
	BLCC0-4M12S-4AI-VI	CANopen	
	BLCDN-2M12S-2AI-PT	DeviceNet™	
	BLCDN-2M12S-2A0-I	DeviceNet	
	BLCDN-2M12S-2A0-V	DeviceNet	
	BLCDN-2M12S-2RFID-S	DeviceNet	
	BLCDN-4M12S-4AI4A0-VI	DeviceNet	
	BLCDN-4M12S-4AI-VI	DeviceNet	
	BLCDN-4M12S-4A0-V	DeviceNet	

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Number of Inputs	Number of Outputs	Number of Tech Channels	Housing Style	Deluxe Diagnostics	Certifications	Notes
10	8		D	x	UL, CE	2 RTD Analog Inputs, 8 Configurable Discrete Inputs or Outputs
8	10		D	x	UL, CE	2 Current Analog Outputs, 8 Configurable Discrete Inputs or Outputs
8	10		D	x	UL, CE	2 Voltage Analog Outputs, 8 Configurable Discrete Inputs or Outputs
8	8	2	D	x	UL, CE	2 RFID Channels, 8 Configurable Discrete Inputs or Outputs
8			D		UL, CE	8 Configurable Analog Inputs
12	8		D	x	UL, CE	4 Configurable Analog Inputs, 8 Configurable Discrete Inputs or Outputs
	2		F		UL, CE	2 Voltage Analog Outputs
		2	F		UL, CE	2 RFID Channels
4			F		UL, CE	4 Thermocouple Analog Inputs
4			F		UL, CE	4 Configurable Analog Inputs
2			F		UL, CE	2 RTD Analog Inputs
	2		F		UL, CE	2 Current Analog Outputs
	2		F		UL, CE	2 Voltage Analog Outputs
		2	F		UL, CE	2 RFID Channels
4	4		F		UL, CE	4 Configurable Analog Inputs, 4 Voltage Analog Outputs
4			F		UL, CE	4 Configurable Analog Inputs
	4		F		UL, CE	4 Voltage Analog Outputs

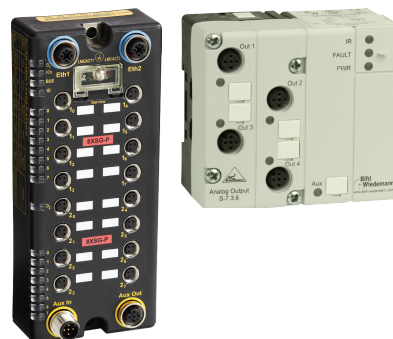
On-Machine Block

ON-MACHINE BLOCK I/O

Analog/Advanced I/O

- PNP Style Discrete I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)*
- Nickel Plated Brass Connectors*
- IP69K*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	BLCEN-1M12MT-1RS232	Multiprotocol	x
	BLCEN-1M12MT-1RS485-422	Multiprotocol	x
	BLCEN-1M12MT-1SSI	Multiprotocol	x
	BLCEN-2M12MT-2AI-PT	Multiprotocol	x
	BLCEN-2M12MT-2RFID-S	Multiprotocol	x
	BLCEN-4M12MT-4AI4A0-VI	Multiprotocol	x
	BLCEN-4M12MT-4AI-TC	Multiprotocol	x
	BLCEN-4M12MT-4AI-VI	Multiprotocol	x
	BLCEN-4M12MT-4A0-V	Multiprotocol	x
	BLCDP-1M12MT-1SSI	PROFIBUS®-DP	x
	BLCDP-2M12MT-2RFID-S	PROFIBUS-DP	x
	BLCDP-4M12MT-4AI4A0-VI	PROFIBUS-DP	x
	BLCDP-4M12MT-4AI-TC	PROFIBUS-DP	x
	BLCDP-4M12MT-4AI-VI	PROFIBUS-DP	x
	BLCDP-4M12MT-4A0-V	PROFIBUS-DP	x
	ASI-AI-4-M12 BW1359	AS-I	x
	ASI-AI-4-M12 BW1360	AS-I	x
	ASI-AI-4PT100-M12 BW2532	AS-I	
	ASI-A0-4-M12 BW1361	AS-I	x
	ASI-A0-4-M12 BW1362	AS-I	x

DISTRIBUTED I/O SALES GUIDE



Number of Inputs	Number of Outputs	Number of Tech Channels	Housing Style	Deluxe Diagnostics	Certifications	Notes
		1	G		UL, CE	1 RS232 Channel
		1	G		UL, CE	1 RS485/422 Channel
		1	G		UL, CE	1 SSI Channel
2			G		UL, CE	2 RTD Analog Inputs
		2	G		UL, CE	2 RFID Channels
4	4		G		UL, CE	4 Configurable Analog Inputs, 4 Voltage Analog Outputs
4			G		UL, CE	4 Thermocouple Analog Inputs
4			G		UL, CE	4 Configurable Analog Inputs
	4		G		UL, CE	4 Voltage Analog Outputs
		1	G		UL, CE	1 SSI Channel
		2	G		UL, CE	2 RFID Channels
4	4		G		UL, CE	4 Configurable Analog Inputs, 4 Voltage Analog Outputs
4			G		UL, CE	4 Thermocouple Analog Inputs
4			G		UL, CE	4 Configurable Analog Inputs
	4		G		UL, CE	4 Voltage Analog Outputs
4			J		UL, CE	4 to 20mA Analog Inputs, AS-I Ver 2.1, Single Addressing Style, 7.3-E Slave Profile, IP65
4			J		UL, CE	0 to 10V Analog Inputs, AS-I Ver 2.1, Single Addressing Style, 7.3-E Slave Profile, IP65
4			J		UL, CE	RTD Analog Inputs, AS-I Ver 2.1, Single Addressing Style, 7.3-E Slave Profile, IP65
	4		J		UL, CE	0 to 20mA Analog Outputs, AS-I Ver 2.1, Single Addressing Style, 7.3-6 Slave Profile, IP65
	4		J		UL, CE	0 to 10V Analog Outputs, AS-I Ver 2.1, Single Addressing Style, 7.3-6 Slave Profile, IP65

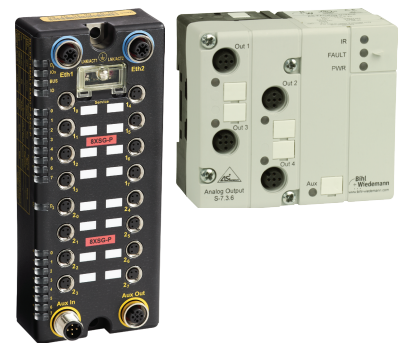
On-Machine Block

ON-MACHINE BLOCK I/O

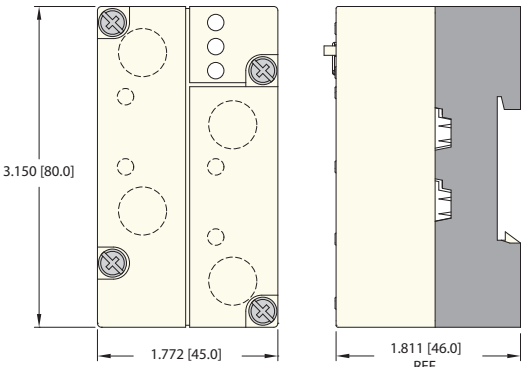
Analog/Advanced I/O

- PNP Style Discrete I/O*
- 0.5A Outputs*
- Fiberglass Reinforced Nylon Housing (fully potted)*
- Nickel Plated Brass Connectors*
- IP69K*

* Unless otherwise specified in the notes.



Pictures represent a sampling of housings

Housing Style	Part Number	Protocol	Aux. Power
	ASI-AI-02-M12-V3 BW1893	AS-I	
	ASI-AI-02-M12-V3 BW1963	AS-I	
	ASI-AI-02RTD-M12-V3 BW1895	AS-I	

DISTRIBUTED I/O SALES GUIDE



Number of Inputs	Number of Outputs	Number of Tech Channels	Housing Style	Deluxe Diagnostics	Certifications	Notes
2			K		UL, CE	4 to 20mA Analog Inputs, AS-I Ver 3.0, AB Addressing Style, 7.A-9 Slave Profile, IP65
2			K		UL, CE	0 to 10V Analog Inputs, AS-I Ver 3.0, AB Addressing Style, 7.A-9 Slave Profile, IP65
2			K		UL, CE	RTD Analog Inputs, AS-I Ver 3.0, AB Addressing Style, 7.A-9 Slave Profile, IP65

On-Machine Block