

# Inductive - analog+ Sensors



Housing Style	Part Number	ID Number	Features	Linear Operating Distance (mm)	Response Freq. (Hz)	Output
<b>4 mm - Embeddable eurofast® connection</b> 	Bi 1.5-EH04-0.3M-M12-SIU-H1141*	M1533001		0.1-1.5	200	4-Wire DC Current and Voltage
<b>5 mm - Embeddable eurofast connection</b> 	Bi 1.5-EG05-0.3M-M12-SIU-H1141*	M1533005		0.1-1.5	200	4-Wire DC Current and Voltage
<b>6.5 mm - Embeddable, Potted-In Cable</b> 	Bi 1.5-EH6.5-LU	S1533002		0.25-1.25	200	3-Wire DC Voltage
<b>8 mm - Embeddable, Potted-In Cable</b> 	Bi 1.5-EG08-LU	S1533003		0.25-1.25	200	3-Wire DC Voltage
<b>8 mm - Embeddable, eurofast Quick Disconnect</b> 	Bi 1.5-EG08-LU-H1341	S1533004		0.25-1.25	200	3-Wire DC Voltage

\* SIU indicates non-linear measuring range.

For detailed sensor specifications see Section M.



Voltage	Output Voltage/Current	Operating Temp. (°C)	Protection	Slew Rate V/ms, mA/ms	Housing	Face	Mating Cord, Cable Length/Mat.	Wiring Diagram #	Wiring Diagrams
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	SS	PA 12	RK 4.4T-*	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p>
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	SS	PA 12	RK 4.4T-*	1	<p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p>
15-30 VDC	0-10 V	-10 to +70	IP 67	4, N/A	SS	PA 12	2M/PUR	2	
15-30 VDC	0-10 V	-10 to +70	IP 67	4, N/A	SS	PA 12	2M/PUR	2	
15-30 VDC	0-10 V	-10 to +70	IP 67	4, N/A	SS	PA 12	RK 4T-*	3	

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Housing Style	Part Number	ID Number	Features	Linear Operating Distance (mm)	Response Freq. (Hz)	Output
<b>12 mm - Embeddable eurofast® Connection</b> 	Bi 2-M12-LIU-H1141	M1535533		1-2.5	200	4-Wire DC Current and Voltage
	Bi 4-M12-LIU-H1141	M1535531	<i>Ext. Range</i>	0.5-3	200	
<b>12 mm - Nonembeddable eurofast Connection</b> 	Ni 5-M12-LIU-H1141	M1535535		0.5-4	100	4-Wire DC Current and Voltage
<b>18 mm - Embeddable eurofast Connection</b> 	Bi 5-M18E-LIU-H1141	M1536205		2-4	200	4-Wire DC Current and Voltage
	Bi 8-M18E-LIU-H1141	M1535561	<i>Ext. Range</i>	1-5	200	
	Bi 5-M18E-LI2-H1141	M1536204		2-4	200	3-Wire DC Current
<b>18 mm - Nonembeddable eurofast Connection</b> 	Ni 8-M18E-LIU-H1141	M1536302		1-5	100	4-Wire DC Current and Voltage
	Ni10-M18E-LIU-H1141	M1535562	<i>Ext. Range</i>	1-7	100	

For detailed sensor specifications see Section M.

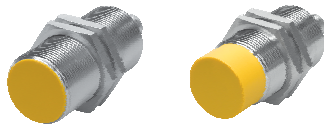


Voltage	Output Voltage/Current	Operating Temp. (°C)	Protection	Slew Rate V/ms, mA/ms	Housing	Face	Mating Cord, Cable Length/Mat.	Wiring Diagram #	Wiring Diagrams
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	CPB	PA 12	RK 4.4T-*	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p>
	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	CPB	PA 12	RK 4.4T-*	1	
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	2, 4	CPB	PA 12	RK 4.4T-*	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p>
	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	CPB	PA 12	RK 4.4T-*	1	
15-30 VDC	4-20 mA	-10 to +70	IP 67	N/A, 6,4	CPB	PA 12	RK 4T-*	2	
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	2, 4	CPB	PA 12	RK 4.4T-*	1	
	0-10 V/0-20 mA	-10 to +70	IP 67	2, 4	CPB	PA 12	RK 4.4T-*	1	

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Housing Style	Part Number	ID Number	Features	Linear Operating Distance (mm)	Response Freq. (Hz)	Output
<b>30 mm - Embeddable, eurofast® Connection</b> 	Bi10-M30E-LIU-H1141	M1537003		3-8	140	4-Wire DC Current and Voltage
	Bi15-M30E-LIU-H1141	M1535563	<i>Ext. Range</i>	2-10	140	
	Bi10-M30E-LI2-H1141	M1537002			3-8	140
<b>30 mm - Nonembeddable, eurofast Connection</b> 	Ni15-M30E-LIU-H1141	M1535564		2-12	60	4-Wire DC Current and Voltage

For detailed sensor specifications see Section M.



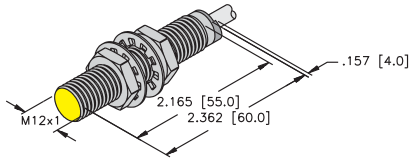
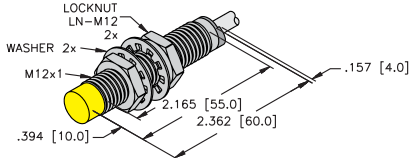
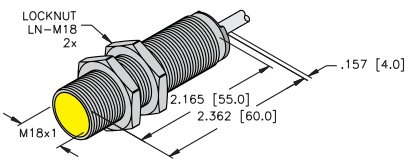
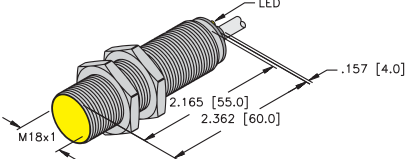
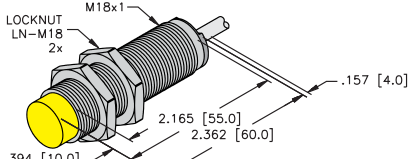
Voltage	Output Voltage/Current	Operating Temp. (°C)	Protection	Slew Rate V/ms, mA/ms	Housing	Face	Mating Cord, Cable Length/Mat.	Wiring Diagram #	Wiring Diagrams
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	2.8, 5.6	CPB	PA 12	RK 4.4T-*	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p>
	0-10 V/0-20 mA	-10 to +70	IP 67	2.8, 5.6	CPB	PA 12	RK 4.4T-*	1	
15-30 VDC	4-20 mA	-10 to +70	IP 67	N/A, 4.48	CPB	PA 12	RK 4T-*	2	
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	1.2, 2.4	CPB	PA 12	RK 4.4T-*	1	

\* Length in meters.

For material descriptions see page M36.

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Housing Style	Part Number	ID Number	Features	Linear Operating Distance (mm)	Response Freq. (Hz)	Output
<b>12 mm - Embeddable, Potted-In Cable</b> 	Bi 2-M12-LIU	M1535534		1-2.5	200	4-Wire DC Current and Voltage
	Bi 4-M12-LIU	M1535532	<i>Ext. Range</i>	0.5-3	200	
<b>12 mm - Nonembeddable, Potted-In Cable</b> 	Ni 5-M12-LIU	M1535536		0.5-4	100	4-Wire DC Current and Voltage
<b>18 mm - Embeddable, Potted-In Cable</b> 	Bi 5-M18-LIU	M1536000		2-4	200	4-Wire DC Current and Voltage
	Bi 8-M18-LIU	M1535538	<i>Ext. Range</i>	1-5	200	2-Wire DC 4-20 mA Current
	Bi 8-M18-LI-EXI	M1535528	<i>Ext. Range</i> Use Barriers IM33-11EX-HI IM43-13-SR	1-5	200	
<b>18 mm - Embeddable, Potted-In Cable</b> 	Bi 8-M18-LUAP6X	M4615010	<i>Switch Point Adj.</i>	1-5	200	4-Wire DC Voltage
<b>18 mm - Nonembeddable, Potted-In Cable</b> 	Ni 8-M18-LIU	M1536100	<i>Ext. Range</i>	1-5	100	4-Wire DC Current and Voltage
	Ni10-M18-LIU	M1535540	<i>Ext. Range</i>	1-7	100	

For detailed sensor specifications see Section M.



Voltage	Output Voltage/Current	Operating Temp. (°C)	Protection	Slew Rate V/ms, mA/ms	Housing	Face	Mating Cord, Cable Length/Mat.	Wiring Diagram #	Wiring Diagrams
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	CPB	PA 12	2M/PVC	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p>
	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	CPB	PA 12	2M/PVC	1	
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	2, 4	CPB	PA 12	2M/PVC	1	
	0-10 V/0-20 mA	-10 to +70	IP 67	4, 8	CPB	PA 12	2M/PVC	1	
15-30 VDC	4-20 mA	-10 to +70	IP 67	N/A, 8	CPB	PA 12	2M/PVC	3	
15-30 VDC	0-10 V	-10 to +70	IP 67	N/A, 8	CPB	PA 12	2M/PVC	2	
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	2, 4	CPB	PA 12	2M/PVC	1	
	0-10 V/0-20 mA	-10 to +70	IP 67	2, 4	CPB	PA 12	2M/PVC	1	

Analogue

For material descriptions see page M36.



# Inductive - analog+ Sensors



Housing Style	Part Number	ID Number	Features	Linear Operating Distance (mm)	Response Freq. (Hz)	Output
<b>30 mm - Embeddable, Potted-In Cable</b> 	Bi10-M30-LIU	M1535500		3-8	140	4-Wire DC Current and Voltage
	Bi15-M30-LIU	M1535543	<b>Ext. Range</b>	2-10	140	
	Bi15-M30-LI-EXI	M1535554	<b>Ext. Range</b> <b>Use Barriers</b> <b>IM33-11EX-HI</b> <b>IM43-13-SR</b>	2-10	140	2-Wire DC NAMUR Current
<b>30 mm - Embeddable, Potted-In Cable</b> 	Bi15-M30-LUAP6X	M4618510	<b>Switch Point Adj.</b>	2-10	140	4-Wire DC Voltage
<b>30 mm - Nonembeddable, Potted-In Cable</b> 	Ni15-M30-LIU	M1535300	<b>Ext. Range</b>	2-12	60	4-Wire DC Current and Voltage

For detailed sensor specifications see Section M.



Voltage	Output Voltage/Current	Operating Temp. (°C)	Protection	Slew Rate V/ms, mA/ms	Housing	Face	Mating Cord, Cable Length/Mat.	Wiring Diagram #	Wiring Diagrams
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	2.8, 5.6	CPB	PA 12	2M/PVC	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p>
	0-10 V/0-20 mA	-10 to +70	IP 67	2.8, 5.6	CPB	PA 12	2M/PVC	1	
14-30 VDC	4-20 mA	-10 to +70	IP 67	N/A, 4.48	CPB	PA 12	2M/PVC	3	
15-30 VDC	0-10 V	-10 to +70	IP 67	2.8, N/A	CPB	PA 12	2M/PVC	2	
15-30 VDC	0-10 V/0-20 mA	-10 to +70	IP 67	1.2, 2.4	CPB	PA 12	2M/PVC	1	

For material descriptions see page M36.