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EXTRA PRESSURE INDUCTIVE SENSORS

PRESSURE RESISTANT
UP TO 200 BAR (2,901 PSI)

Dependable, accurate presence- and position-sensing at pressures up to **200 bar** requires world-class performance and build quality. Contrinex **Extra Pressure** inductive sensors deliver exactly that, operating continuously in pressurized conditions. The combination of a stainless-steel housing and an impermeably bonded ceramic or sapphire-glass sensing face guarantees robustness and reliability.

KEY ADVANTAGES

- ✓ Pressure resistant up to 200 bar (2,901 psi)
- ✓ High quality ASIC sensors with **IO-Link** interface
- ✓ Mechanically and chemically rugged
- ✓ Impervious: IP68
- ✓ Gas-tight sensing face
- ✓ Miniature devices

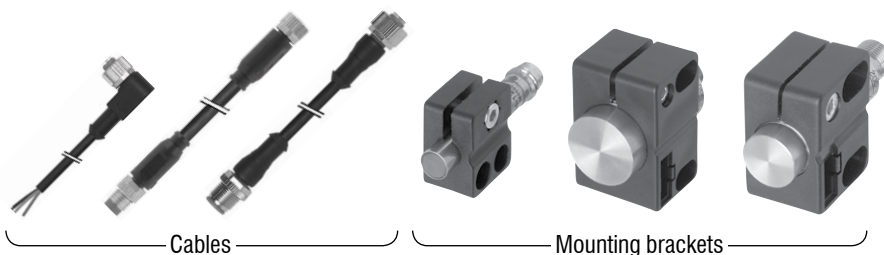


PRODUCT OVERVIEW

IO-Link					
Housing size mm		Ø3	Ø4	Ø6.5	M8
s _n mm	Extra Distance	–	–	2.5	2.5
	Classics	0.8	0.6	–	–

ACCESSORIES

Go to page 298 to see all the accessories



INDUCTIVE SENSORS EXTRA PRESSURE



COMMON FEATURES

Supply Voltage range	10 ... 30 VDC
Housing material	Stainless steel V2A

OUTPUT

Technology Family
[5] Extra Distance [6] Classics

DW-A[x]-[x]0[x]

Connection
[D] Cable [S] Connector [V] Pigtail

Output
[1] NPN NO [3] PNP NO
[2] NPN NC [4] PNP NC

Reference key on page 116

ACCESSORIES

Group A: M8 3-pin
Sub-group: Field attachable connectors
Sub-group: Distribution boxes

Group B: M8 4-pin

Group C: M12 4-pin
Sub-group: Field attachable connectors
Sub-group: Distribution boxes

Group D: M12 AC/DC 3-pin

Group E: Universal mounting brackets
Sub-group: Mechanical stops

Group F: Photoelectric mounting brackets

Group G: Photoelectric reflectors

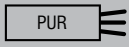
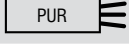
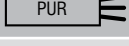
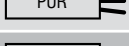
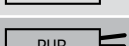
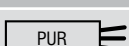
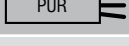
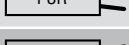
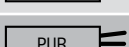
Group H: Sensor tester

Go to page 298 for details

CABLES
Cable lengths available:
2 m, 5 m, 10 m
other customised lengths possible

FAMILY	OPERATING DISTANCE (mm)	HOUSING SIZE (mm)	HOUSING LENGTH (mm)	OPERATING PRESSURE	
EXTRA DISTANCE – SERIES 500	2.5	Ø 6.5	45	≤ 20 bar	
	2.5	Ø 6.5	45	≤ 20 bar	
	2.5	Ø 6.5	45	≤ 20 bar	
	2.5	Ø 6.5	45	≤ 20 bar	
	2.5	M8	45	≤ 20 bar	
	2.5	M8	45	≤ 20 bar	
	2.5	M8	45	≤ 20 bar	
	2.5	M8	45	≤ 20 bar	
CLASSICS SERIES 600	0.8	Ø 3	12	≤ 200 bar	
	0.8	Ø 3	12	≤ 200 bar	
	0.6	Ø 4	25	≤ 20 bar	
	0.6	Ø 4	25	≤ 20 bar	
	0.6	Ø 4	25	≤ 20 bar	
	0.6	Ø 4	25	≤ 20 bar	



	CABLE	CONNECTOR	IO-Link	SWITCHING FREQUENCY (Hz)	MOUNTING		AMBIENT TEMPERATURE	DEGREE OF PROTECTION	PART REFERENCE	ACCESSORIES (SEE PAGE 76)
					EMB. 	NON-EMB. 				
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-501-065E	 
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-502-065E	 
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-503-065E	 
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-504-065E	 
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-501-M8E	 
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-502-M8E	 
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-503-M8E	 
				1,000	Embed.		–25 ... +70°C	IP68	DW-AD-504-M8E	 
				8,000	Embed.		–25 ... +70°C	IP68 / IP69K	DW-AD-621-03E-961	 
				8,000	Embed.		–25 ... +70°C	IP68 / IP69K	DW-AD-623-03E-961	 
				5,000	Embed.		–25 ... +70°C	IP68	DW-AD-601-04E	 
				5,000	Embed.		–25 ... +70°C	IP68	DW-AD-603-04E	 
				5,000	Embed.		–25 ... +70°C	IP68	DW-AD-604-04E	 

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