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EXTREME INDUCTIVE SENSORS

EXTREME DURABILITY IN HARSH ENVIRONMENTS

Only the toughest sensors survive the most extreme environments. Thanks to one-piece stainless-steel (V2A/AISI 303) construction and a hermetically sealed cable entry, **Extreme** sensors are corrosion-resistant, impervious to oil, and pressure-resistant to **100 bar**. Rugged, reliable and highly accurate, the **Extreme** range is at home in the most challenging circumstances.

KEY ADVANTAGES

- ✓ Mechanically and chemically extremely robust
- ✓ Corrosion resistant
- ✓ IP68 and IP69K, water resistant
- ✓ Pressure resistant up to 100 bar (1,451 psi)
- ✓  **IO-Link**

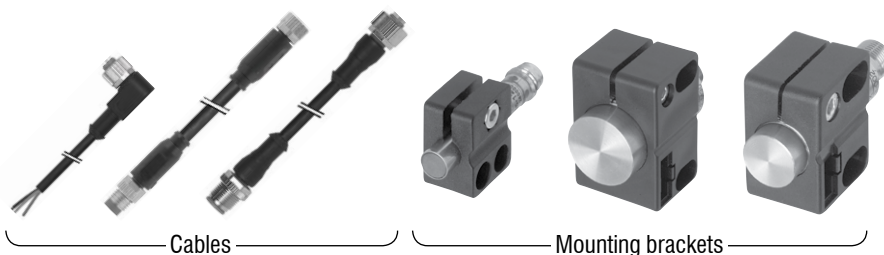


PRODUCT OVERVIEW

 IO-Link					
Housing size mm	M8	M12	M18	M30	C23
Full Inox (s _n mm)	3 ... 6	2 ... 15	5 ... 20	10 ... 40	7

ACCESSORIES

Go to page 298 to see all the accessories



INDUCTIVE SENSORS EXTREME



COMMON FEATURES

Supply Voltage range	10 ... 30 VDC
Output	PNP NO*

* Other types available: PNP NC, NPN NC

** Pigtail versions available

OUTPUT

DW-A[x]-70[x]	Output
Connection	[1] NPN NO [3] PNP NO
[D] Cable [S] Connector [V] Pigtail	[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 Sub-group: Field attachable connectors Sub-group: Distribution boxes
	Group C: M12 4-pin Sub-group: Field attachable connectors Sub-group: Distribution boxes
	Group D: M12 AC/DC 3-pin Sub-group: Field attachable connectors Sub-group: Distribution boxes
	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



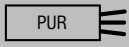
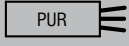
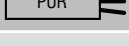
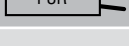
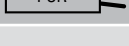
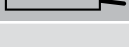
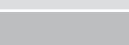
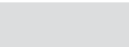
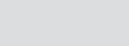
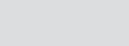
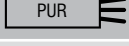
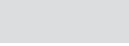
CABLES

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

FAMILY

FULL INOX – SERIES 700

	OPERATING DISTANCE (mm)	HOUSING SIZE (mm)	HOUSING LENGTH (mm)	HOUSING MATERIAL
3		M8	45	Stainless steel V2A
3		M8	60	Stainless steel V2A
6		M8	45	Stainless steel V2A
6		M8	60	Stainless steel V2A
3		M8	66	Stainless steel V2A
6		M8	66	Stainless steel V2A
6		M12	50	Stainless steel V2A
6		M12	60	Stainless steel V2A
10		M12	50	Stainless steel V2A
10		M12	60	Stainless steel V2A
2		M12	50	Stainless steel V2A
2		M12	60	Stainless steel V2A
4		M12	50	Stainless steel V2A
4		M12	60	Stainless steel V2A
15		M12	60	Stainless steel V2A
15		M12	50	Stainless steel V2A
15		M12	60	Stainless steel V2A
6		M12	60	Stainless steel V2A
10		M18	50	Stainless steel V2A
10		M18	63.5	Stainless steel V2A
20		M18	50	Stainless steel V2A
20		M18	63.5	Stainless steel V2A
5		M18	50	Stainless steel V2A
5		M18	63.5	Stainless steel V2A
8		M18	63.5	Stainless steel V2A
10		M18	35	Stainless steel V2A
10		M18	48.5	Stainless steel V2A
10		M18	35	Stainless steel V2A
20		M30	50	Stainless steel V2A
20		M30	63.5	Stainless steel V2A

	CABLE **	CONNECTOR **	IO-Link	SWITCHING FREQUENCY (Hz)	MOUNTING		AMBIENT TEMPERATURE	DEGREE OF PROTECTION	PART REFERENCE*	ACCESSORIES (SEE PAGE 56)
					EMB. 	NON-EMB. 				
			 IO-Link	1,200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M8	
		 M8	 IO-Link	1,200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M8-001	
			 IO-Link	700	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-713-M8	
		 M8	 IO-Link	700	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-713-M8-001	
		 M12	 IO-Link	1,200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M8	
		 M12	 IO-Link	700	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-713-M8	
			 IO-Link	600	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M12	
		 M12	 IO-Link	600	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M12	
			 IO-Link	400	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-713-M12	
		 M12	 IO-Link	400	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-713-M12	
			 IO-Link	900	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M12-303	
		 M12	 IO-Link	900	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M12-303	
			 IO-Link	600	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-713-M12-303	
		 M12	 IO-Link	600	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-713-M12-303	
		 M12	 IO-Link	300	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-733-M12	
			 IO-Link	300	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-733-M12	
		 M12	 IO-Link	300	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-73A-M12	
		 M12	 IO-Link	600	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-70A-M12	
			 IO-Link	200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M18	
		 M12	 IO-Link	200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M18-002	
			 IO-Link	200	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-713-M18	
		 M12	 IO-Link	200	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-713-M18-002	
			 IO-Link	500	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M18-303	
		 M12	 IO-Link	500	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M18-303	
		 M12	 IO-Link	400	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-713-M18-303	
			 IO-Link	200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M18-120	
		 M12	 IO-Link	200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M18-120	
			 IO-Link	200	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M18-226	
			 IO-Link	125	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M30	
		 M12	 IO-Link	125	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M30-002	

INDUCTIVE SENSORS EXTREME



COMMON FEATURES

Supply Voltage range	10 ... 30 VDC
Output	PNP NO*

* Other types available: PNP NC, NPN NC
** Pigtail versions available

OUTPUT

DW-A[x]-70[x]

Connection

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

Output

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

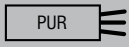
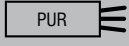
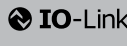
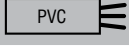
Group G: Photoelectric reflectors

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)	HOUSING MATERIAL
FULL INOX – SERIES 700	40	M30	50	Stainless steel V2A
	40	M30	63.5	Stainless steel V2A
	10	M30	50	Stainless steel V2A
	10	M30	63.5	Stainless steel V2A
	7	32 × 20 (C23)	8	Stainless steel V2A

	CABLE **	CONNECTOR **	IO-Link	SWITCHING FREQUENCY (Hz)	MOUNTING		AMBIENT TEMPERATURE	DEGREE OF PROTECTION	PART REFERENCE*	ACCESSORIES (SEE PAGE 58)
					EMB. 	NON-EMB. 				
				90	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-713-M30	
				90	Non-embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-713-M30-002	
				250	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-M30-303	
				250	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AS-703-M30-303	
				180	Embed.		–25 ... +85°C	IP68 / IP69K	DW-AD-703-C23	

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Орел (4862)44-53-42
Оренбург (3532)37-68-04
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