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WASHDOWN INDUCTIVE SENSORS

ECOLAB APPROVED FOR HARSHTEST CLEANING PROCESSES

Washdown inductive sensors are certified to operate continuously and reliably in the harsh conditions of the food, beverage and pharmaceutical industries, ensuring uninterrupted production. Rated to **IP68** and **IP69K**, they are pressure resistant up to **80 bar**, **food safe and corrosion resistant**; additionally Full Inox – Series 700 are **Ecolab** certified.

KEY ADVANTAGES

- ✓ Corrosion resistant
- ✓ Food safe
- ✓ IP68/IP69K protection
- ✓  **IO-Link** interface
- ✓ Extremely rugged Full Inox types: one-piece stainless-steel housing, factor 1 on steel and aluminum
- ✓ Ecolab approved

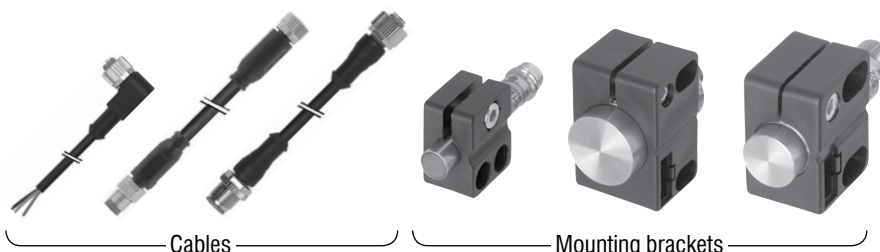


PRODUCT OVERVIEW

 IO-Link					
Housing size mm		M12	M18	M30	
s mm	Classics	2	–	–	
	Full Inox	6 ... 10	10 ... 20	20 ... 40	

ACCESSORIES

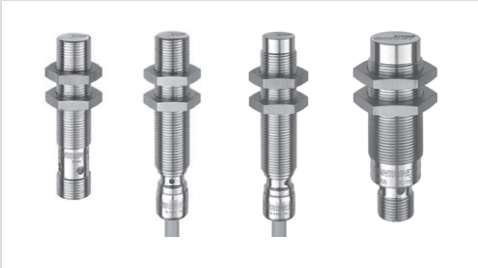
Go to page 298 to see all the accessories



Cables

Mounting brackets

INDUCTIVE SENSORS WASHDOWN



COMMON FEATURES

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

* Other types available: PNP NC, NPN NC

OUTPUT

Technology Family
[6] Classics [7] Full Inox

DW-L[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)	HOUSING MATERIAL	
CLASSICS SERIES 600	2	M12	60	Stainless steel V4A	
	6	M12	60	Stainless steel V4A	
	10	M12	60	Stainless steel V4A	
	6	M12	66.5	Stainless steel V4A	
FULL INOX – SERIES 700	10	M12	66.5	Stainless steel V4A	
	10	M18	63.5	Stainless steel V4A	
	20	M18	63.5	Stainless steel V4A	
	10	M18	66.5	Stainless steel V4A	
	20	M18	66.5	Stainless steel V4A	
	20	M30	63.5	Stainless steel V4A	
	40	M30	63.5	Stainless steel V4A	
	20	M30	66.5	Stainless steel V4A	
	40	M30	66.5	Stainless steel V4A	
	20	M30	66.5	Stainless steel V4A	
	20	M30	66.5	Stainless steel V4A	
	20	M30	66.5	Stainless steel V4A	



CABLE	CONNECTOR	IO-Link	SWITCHING FREQUENCY (Hz)	MOUNTING EMB. / NON-EMB.	AMBIENT TEMPERATURE	DEGREE OF PROTECTION	PART REFERENCE*	ACCESSORIES (SEE PAGE 114)
	M12	IO-Link	1,700	Embed.	−25 ... +120°C	IP68 / IP69K	DW-LS-603-M12	C E H
	M12	IO-Link	600	Embed.	−25 ... +85°C	IP68 / IP69K	DW-LS-703-M12	C E H
	M12	IO-Link	400	Non-embed.	−25 ... +85°C	IP68 / IP69K	DW-LS-713-M12	C E H
Teflon		IO-Link	600	Embed.	−25 ... +85°C	IP68 / IP69K	DW-LD-703-M12	E H
Teflon		IO-Link	400	Non-embed.	−25 ... +85°C	IP68 / IP69K	DW-LD-713-M12	E H
	M12	IO-Link	200	Embed.	−25 ... +85°C	IP68 / IP69K	DW-LS-703-M18-002	C E H
	M12	IO-Link	200	Non-embed.	−25 ... +85°C	IP68 / IP69K	DW-LS-713-M18-002	C E H
Teflon		IO-Link	200	Embed.	−25 ... +85°C	IP68 / IP69K	DW-LD-703-M18	E H
Teflon		IO-Link	200	Non-embed.	−25 ... +85°C	IP68 / IP69K	DW-LD-713-M18	E H
	M12	IO-Link	125	Embed.	−25 ... +85°C	IP68 / IP69K	DW-LS-703-M30-002	C E H
	M12	IO-Link	90	Non-embed.	−25 ... +85°C	IP68 / IP69K	DW-LS-713-M30-002	C E H
Teflon		IO-Link	125	Embed.	−25 ... +85°C	IP68 / IP69K	DW-LD-703-M30	E H
Teflon		IO-Link	90	Non-embed.	−25 ... +85°C	IP68 / IP69K	DW-LD-713-M30	E H
Teflon		IO-Link	100	Embed.	−25 ... +85°C	IP68 / IP69K	DW-LD-703-M30-220	E H

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