


# ECOLAB APPROVED FOR HARSHTEST CLEANING PROCESSES

# WASHDOWN

# INDUCTIVE SENSORS

## KEY ADVANTAGES

- ✓ Corrosion resistant
- ✓ Food safe
- ✓ IP 68 / IP 69K protection
- ✓  IO-Link interface
- ✓ Extremely rugged Full Inox types:  
one-piece stainless-steel housing, factor 1 on steel and  
aluminum, Ecolab approved

RANGE OVERVIEW	Housing size	Classics	Full Inox
WASHDOWN	M12	p. 171	p. 171-172
	M18		p. 172-173
	M30		p. 173-174

FAMILY

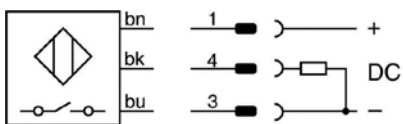
HOUSING SIZE

OPERATING DISTANCE MM

INDUCTIVE

## WIRING DIAGRAM

PNP NO



## DATA

Operating pressure

Housing material

Connection

Degree of protection

Mounting

Max. switching frequency

Supply voltage range

Ambient temperature range

Output current

PNP NO

Other types available

# WASHDOWN

CLASSICS	FULL INOX	FULL INOX	FULL INOX
M12	M12	M12	M12
2	6	6	10

Inductive

Photoelectric

Safety

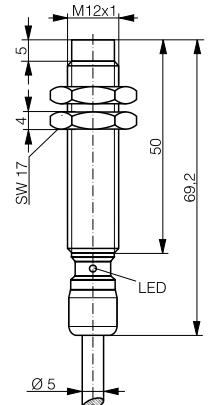
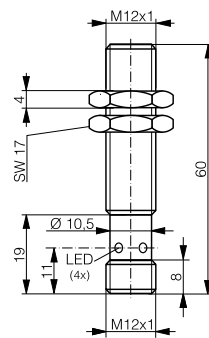
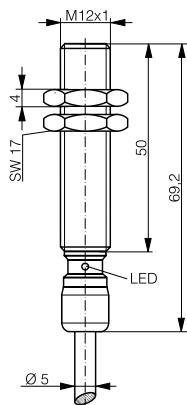
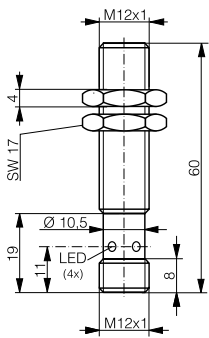
RFID

Connectivity

Accessories

Glossary

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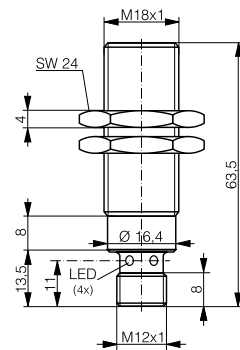
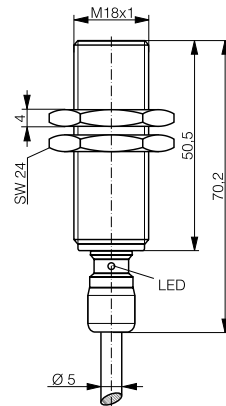
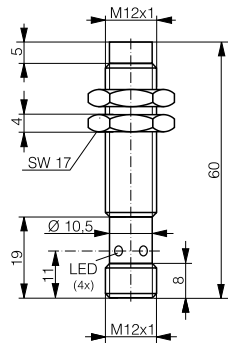


IO-Link	IO-Link	IO-Link	IO-Link
-	80 bar	80 bar	80 bar
PPS/Stainless steel V4A	Stainless steel V4A/AISI 316L	Stainless steel V4A/AISI 316L	Stainless steel V4A/AISI 316L
Connector S12	TPE-S cable	Connector S12	TPE-S cable
IP 68 / IP 69K	IP 68 / IP 69K	IP 68 / IP 69K	IP 68 / IP 69K
Embeddable	Embeddable	Embeddable	Non-embeddable
1700 Hz	600 Hz	600 Hz	400 Hz
10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
-40 ... +120°C / -40 ... +248°F	-25 ... +85°C / -13 ... +185°F	-25 ... +85°C / -13 ... +185°F	-25 ... +85°C / -13 ... +185°F
≤ 200 mA	≤ 200 mA	≤ 200 mA	≤ 200 mA
<b>DW-LS-603-M12</b>	<b>DW-LD-703-M12</b>	<b>DW-LS-703-M12</b>	<b>DW-LD-713-M12</b>
	NPN NO, PNP NC, NPN NC	NPN NO, PNP NC, NPN NC	NPN NO, PNP NC, NPN NC

# WASHDOWN

## INDUCTIVE

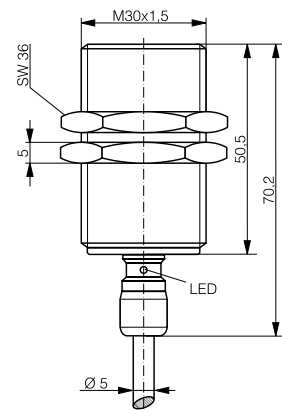
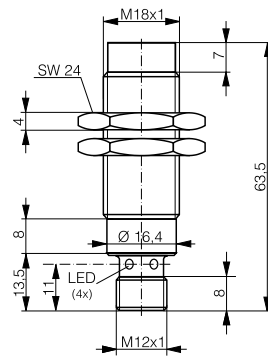
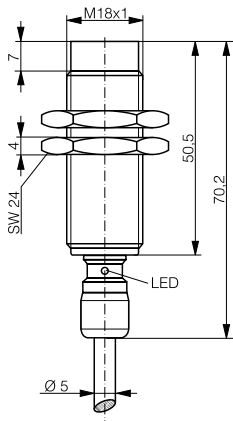
FAMILY	FULL INOX	FULL INOX	FULL INOX
HOUSING SIZE	M12	M18	M18
OPERATING DISTANCE MM	10	10	10



DATA	IO-Link	IO-Link	IO-Link
Operating pressure	80 bar	60 bar	60 bar
Housing material	Stainless steel V4A/AISI 316L	Stainless steel V4A/AISI 316L	Stainless steel V4A/AISI 316L
Connection	Connector S12	TPE-S cable	Connector S12
Degree of protection	IP 68 / IP 69K	IP 68 / IP 69K	IP 68 / IP 69K
Mounting	Non-embeddable	Embeddable	Embeddable
Max. switching frequency	400 Hz	300 Hz	300 Hz
Supply voltage range	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
Ambient temperature range	-25 ... +85°C / -13 ... +185°F	-25 ... +85°C / -13 ... +185°F	-25 ... +85°C / -13 ... +185°F
Output current	≤ 200 mA	≤ 200 mA	≤ 200 mA
PNP NO	<b>DW-LS-713-M12</b>	<b>DW-LD-703-M18</b>	<b>DW-LS-703-M18-002</b>
Other types available	NPN NO, PNP NC, NPN NC	NPN NO, PNP NC, NPN NC	NPN NO, PNP NC, NPN NC

# WASHDOWN

FULL INOX	FULL INOX	FULL INOX
M18	M18	M30
20	20	20



IO-Link	IO-Link	IO-Link
60 bar	60 bar	40 bar
Stainless steel V4A/AISI 316L	Stainless steel V4A/AISI 316L	Stainless steel V4A/AISI 316L
TPE-S cable	Connector S12	TPE-S cable
IP 68 / IP 69K	IP 68 / IP 69K	IP 68 / IP 69K
Non-embeddable	Non-embeddable	Embeddable
200 Hz	200 Hz	100 Hz
10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
-25 ... +85°C / -13 ... +185°F	-25 ... +85°C / -13 ... +185°F	-25 ... +85°C / -13 ... +185°F
≤ 200 mA	≤ 200 mA	≤ 200 mA
<b>DW-LD-713-M18</b>	<b>DW-LS-713-M18-002</b>	<b>DW-LD-703-M30</b>
NPN NO, PNP NC, NPN NC	NPN NO, PNP NC, NPN NC	NPN NO, PNP NC, NPN NC

Inductive

Photoelectric

Safety

RFID

Connectivity

Accessories

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# WASHDOWN

FAMILY

FULL INOX

FULL INOX

FULL INOX

HOUSING SIZE

M30

M30

M30

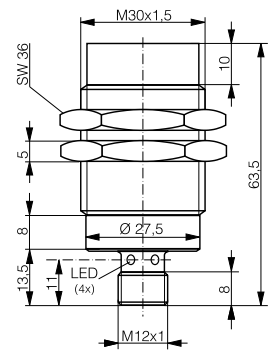
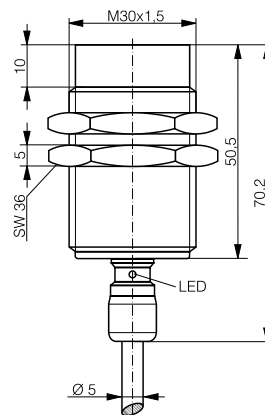
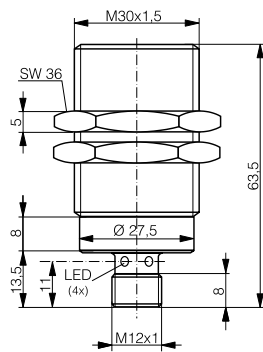
OPERATING DISTANCE MM

20

40

40

INDUCTIVE



DATA

IO-Link

IO-Link

IO-Link

Operating pressure

40 bar

40 bar

40 bar

Housing material

Stainless steel V4A/AISI 316L

Stainless steel V4A/AISI 316L

Stainless steel V4A/AISI 316L

Connection

Connector S12

TPE-S cable

Connector S12

Degree of protection

IP 68 / IP 69K

IP 68 / IP 69K

IP 68 / IP 69K

Mounting

Embeddable

Non-embeddable

Non-embeddable

Max. switching frequency

100 Hz

90 Hz

90 Hz

Supply voltage range

10 ... 30 VDC

10 ... 30 VDC

10 ... 30 VDC

Ambient temperature range

-25 ... +85°C / -13 ... +185°F

-25 ... +85°C / -13 ... +185°F

-25 ... +85°C / -13 ... +185°F

Output current

≤ 200 mA

≤ 200 mA

≤ 200 mA

PNP NO

**DW-LS-703-M30-002**

**DW-LD-713-M30**

**DW-LS-713-M30-002**

Other types available

NPN NO, PNP NC, NPN NC

NPN NO, PNP NC, NPN NC

NPN NO, PNP NC, NPN NC