

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

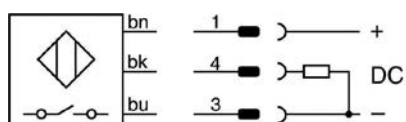
RANGE OVERVIEW	Housing size	Classics	Full Inox
WASHDOWN	M12	p. 117	p. 117
	M18		p. 117-118
	M30		p. 118

FAMILY	
HOUSING SIZE	
OPERATING DISTANCE MM	

INDUCTIVE

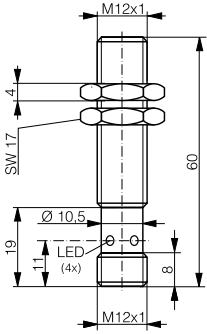
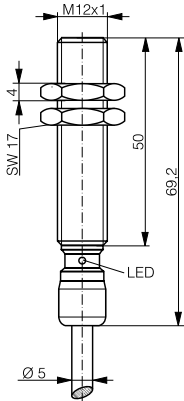
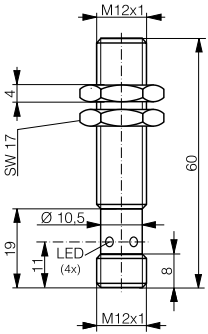
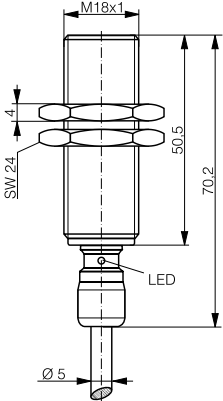
WIRING DIAGRAM

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	

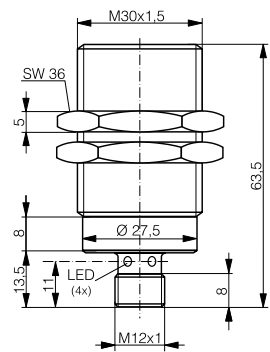
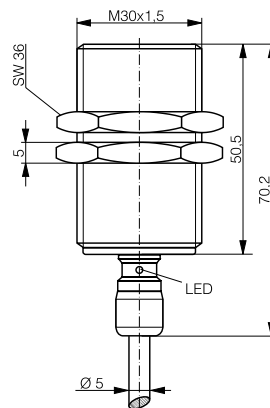
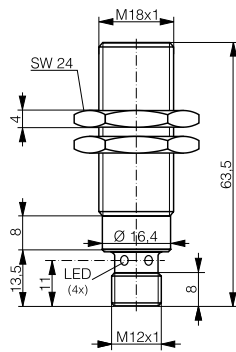
WASHDOWN

CLASSICS	FULL INOX	FULL INOX	FULL INOX	Inductive
M12	M12	M12	M18	Photoelectric
2	6	6	10	Ultrasonic
				Capacitive
				Safety
				RFID
				Connectivity
				Accessories
-	80 bar	80 bar	60 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	Embeddable	
1700 Hz	600 Hz	600 Hz	300 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	
DW-LS-603-M12	DW-LD-703-M12	DW-LS-703-M12	DW-LD-703-M18	
	NPN NO, PNP NC, NPN NC, non-embeddable	NPN NO, PNP NC, NPN NC, non-embeddable	NPN NO, PNP NC, NPN NC, non-embeddable	

WASHDOWN

INDUCTIVE

FAMILY	FULL INOX	FULL INOX	FULL INOX
HOUSING SIZE	M18	M30	M30
OPERATING DISTANCE MM	10	20	20



DATA			
Operating pressure	60 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	Embeddable	Embeddable
Max. switching frequency	300 Hz	100 Hz	100 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-M18-002	DW-LD-703-M30	DW-LS-703-M30-002
Other types available	NPN NO, PNP NC, NPN NC, non-embeddable	NPN NO, PNP NC, NPN NC, non-embeddable	NPN NO, PNP NC, NPN NC, non-embeddable