

TEMPERATURE RESISTANT UP TO +230°C (+446°F)



HIGH TEMPERATURE INDUCTIVE SENSORS

KEY ADVANTAGES

- ✓ Models with external electronics for temperatures of up to +230°C (+446°F)
- ✓ Models with integrated electronics for temperatures of up to +180°C (+356°F)
- ✓ Excellent long term reliability

RANGE OVERVIEW	Housing size	Classics
HIGH TEMPERATURE	M8	p. 111
	M12	p. 111
	M18	p. 111
	M30	p. 111
	M50	p. 112

FAMILY

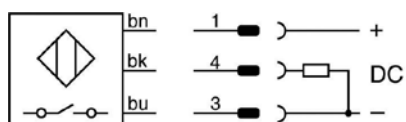
HOUSING SIZE

OPERATING DISTANCE MM

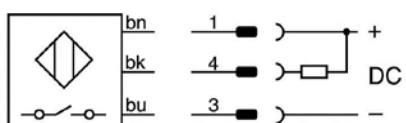
INDUCTIVE

WIRING DIAGRAMS

PNP NO



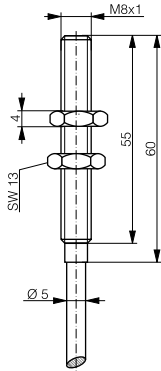
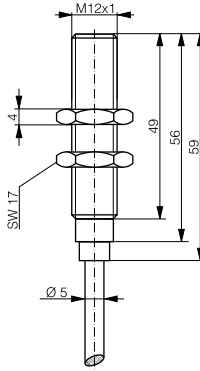
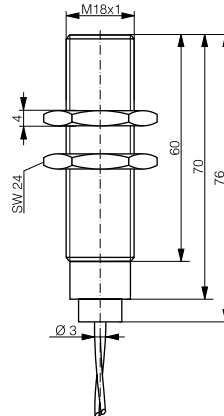
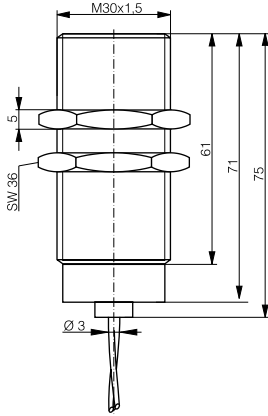
NPN NO



DATA

Amplifier
Housing material
Connection
Degree of protection
Mounting
Max. switching frequency
Supply voltage range
Ambient temperature range
Output current
PNP NO
NPN NO
Other types available

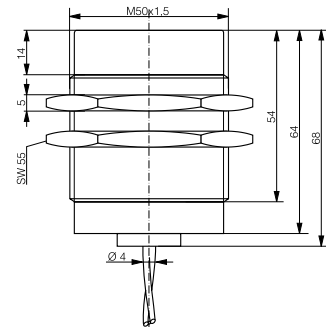
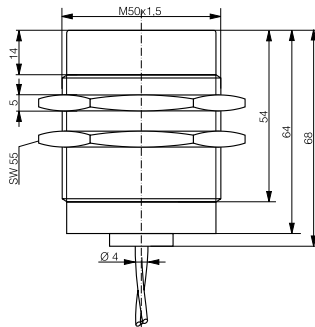
HIGH TEMPERATURE

CLASSICS		CLASSICS		CLASSICS		CLASSICS		Inductive
M8		M12		M18		M30		
2		3		5		10		
								Photoelectric
								Ultrasonic
								Capacitive
								Safety
								RFID
								Connectivity
								Accessories
Built-in		Built-in		Built-in		Built-in		Glossary
Stainless steel V2A		Stainless steel V2A		Stainless steel V2A		Stainless steel V2A		
Silicone cable 2 m		Silicone cable 2 m		Teflon cable 2 m		Teflon cable 2 m		Index
IP 67		IP 67		IP 67		IP 67		
Embeddable		Embeddable		Embeddable		Embeddable		
600 Hz		500 Hz		400 Hz		200 Hz		
10 ... 30 VDC		10 ... 30 VDC		10 ... 30 VDC		10 ... 30 VDC		
0 ... +140°C / +32 ... +280°F		0 ... +150°C / +32 ... +300°F		0 ... +180°C / +32 ... +350°F		0 ... +180°C / +32 ... +350°F		
120 mA (≤ 100°C) / 80 mA (> 100°C)		120 mA (≤ 100°C) / 70 mA (> 100°C)		≤ 150 mA		≤ 150 mA		
DW-HD-623-M8-100		DW-HD-603-M12-200		DW-HD-603-M18-310		DW-HD-603-M30-310		
DW-HD-621-M8-100		DW-HD-601-M12-200		DW-HD-601-M18-310		DW-HD-601-M30-310		
PNP NC, NPN NC		PNP NC, NPN NC		PNP NC, NPN NC		PNP NC, NPN NC		

HIGH TEMPERATURE

INDUCTIVE

FAMILY	CLASSICS	CLASSICS
HOUSING SIZE	M50	M50
OPERATING DISTANCE MM	25	25



DATA		
Amplifier	External	External
Housing material	Stainless steel V2A	Stainless steel V2A
Connection	Teflon cable 5 m	Teflon cable 20 m
Degree of protection	IP 67	IP 67
Mounting	Non-embeddable	Non-embeddable
Max. switching frequency	150 Hz	150 Hz
Supply voltage range	10 ... 30 VDC (amplifier)	10 ... 30 VDC (amplifier)
Ambient temperature range	-40 ... +230°C / -40 ... +440°F	0 ... +230°C / + 32 ... +440°F
Output current	≤ 200 mA (amplifier)	≤ 200 mA (amplifier)
PNP NO	DW-HD-613-M50-511	DW-HD-613-M50-503
Other types available	For other cable lengths please ask	For other cable lengths please ask