

PRESSURE RESISTANT UP TO 100 BAR (1451 PSI)

EXTRA PRESSURE

INDUCTIVE SENSORS

KEY ADVANTAGES

- ✓ Pressure resistant up to 100 bar (1451 psi)
- ✓ Mechanically and chemically rugged
- ✓ Impervious: IP 68
- ✓ Gas-tight sensing face
- ✓ Miniature devices

RANGE OVERVIEW	Housing size	Classics	Extra Distance
EXTRA PRESSURE	Ø 3 mm	p. 95	
	M5	p. 95	
	Ø 6.5 mm		p. 95

FAMILY

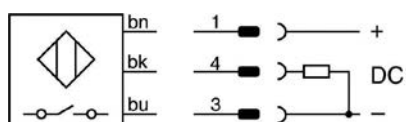
HOUSING SIZE MM

OPERATING DISTANCE MM

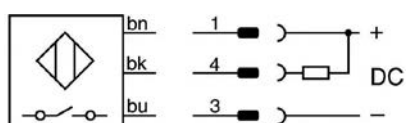
INDUCTIVE

WIRING DIAGRAMS

PNP NO



NPN NO



DATA

Sensing face material

Operating pressure

Housing material

Connection

Degree of protection

Mounting

Max. switching frequency

Supply voltage range

Ambient temperature range

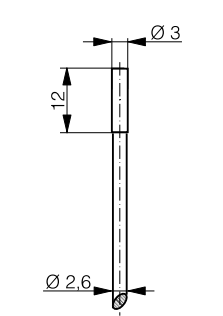
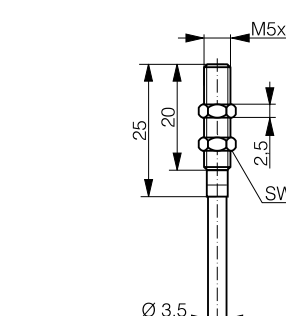
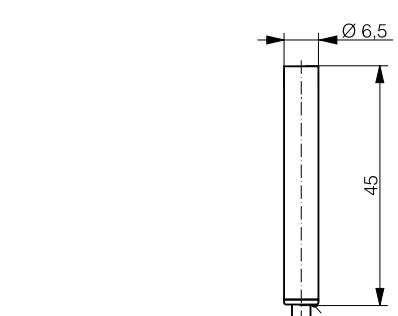
Output current

PNP NO

NPN NO

Other types available

EXTRA PRESSURE

CLASSICS		CLASSICS	EXTRA DISTANCE		Inductive
Ø 3		M5	Ø 6.5		
0.8		0.6	2.5		
					Photoelectric
					Ultrasonic
					Capacitive
					Safety
					RFID
					Connectivity
					Accessories
					Glossary
					Index
Ceramic ZrO ₂		Sapphire	Ceramic ZrO ₂		
200 bar		20 bar	20 bar		
Stainless steel V2A		Stainless steel V2A	Stainless steel V2A		
PUR cable		PUR cable	PUR cable		
IP 68		IP 68	IP 68		
Embeddable		Embeddable	Embeddable		
8000 Hz		5000 Hz	1000 Hz		
10 ... 30 VDC		10 ... 30 VDC	10 ... 30 VDC		
-25 ... +70°C / -13 ... +158°F		-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F		
≤ 100 mA		≤ 200 mA	≤ 200 mA		
DW-AD-623-03E-961		DW-AD-603-M5E	DW-AD-503-065E		
DW-AD-621-03E-961		DW-AD-601-M5E	DW-AD-501-065E		
PNP NC, NPN NC		PNP NC, NPN NC	PNP NC, NPN NC		