Inductive Sensors

Block style housings



Ring sensors are used for feed control with screws, nails etc.

The output is static, i. e., it remains active as long as a metal part is located in the sensing range.

Housing size	
Inside diameter d _w	
Minimum object size steel taper (St 37)	



PNP	NO	1)		
		-		
Supply vol	tage U _B			
Voltage dro	op U _d at I _e			
Rated insu	llation voltac	ge U _i		
Rated ope	rational curr	rent l _e		
	upply curren	nt I ₀ max.		
Output res	istance R _a			
Polarity rev	ersal protec	cted		
Short circu	uit protected	k		
Ambient to	mporatura	rongo T		
	emperature r	range ra		
Utilization of				
Function in	laicator			
Degree of	protection p	oer IEC 60529)	
Housing m	 naterial			
Material of	sensing fac	ce		
Connectio	n			
Recomme	nded conne	ector		
Pulse exte				

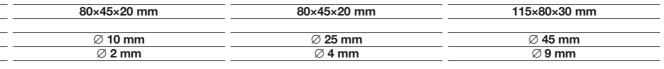
① Wiring diagrams see page 1.0.6

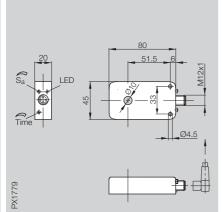


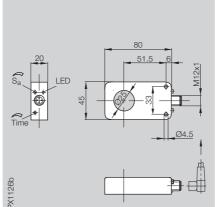
Ring Sensors

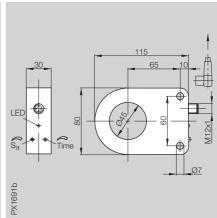
Inductive Sensors

DC 3-wire Block style housings $d_w \varnothing 10$, $\varnothing 25$, $\varnothing 45 \text{ mm}$









BES IKV-010.23-G-Z-S4	BES IKV-025.23-G-Z-S4	BES IKV-045.23-G-Z-S4	
1030 V DC	1030 V DC	1030 V DC	
≤ 2 V	≤ 2 V	≤2V ≤2V	
75 V DC	75 V DC 75 V DC		
200 mA	200 mA	200 mA	
≤ 10 mA	≤ 10 mA	≤ 10 mA	
Open collector	Open collector	Open collector	
yes	yes	yes	
yes	yes	yes	
	-25+70 °C		
DC 13	DC 13	DC 13	
yes	yes	yes	
IP 65	IP 65	IP 65	
Plastic	Plastic	Plastic	
Plastic	Plastic	Plastic	
Connector	Connector	Connector	
BKS 19/BKS 20	BKS 19/BKS 20	BKS 19/BKS 20	
2.5250 ms adjustable	.5250 ms adjustable 2.5250 ms adjustable 2.5250 ms adjust		

Factor 1 Weld immune Magnetic field immune

Diagnostic Steelface

Pressure rated

Pressure rated Ex Namur Ex

Temperature rated PROXINOX®

Ring Sensors

Extended switching distance

Ring sensor housing size



Connectors ... page 5.2 ...

