

Inductive sensors

5 x 5 x 25
8 x 8 x 40
8 x 8 x 47
12 x 12 x 55

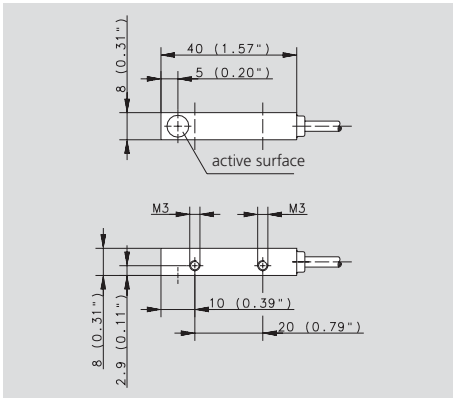
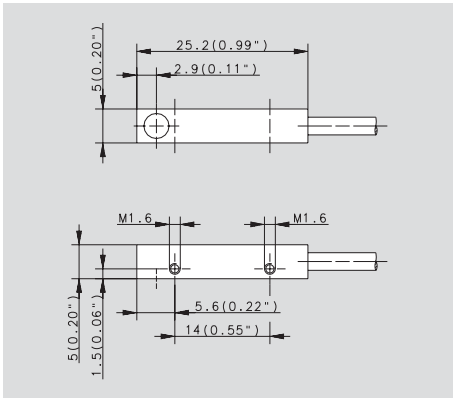


Rated operating distance	
Mounting	flush /non-flush
Switching functions	
	Model description
Part number	
Normally-open (NO)	Wiring diagram (page/pos.)
Stock status: Ex stock/Built to order	
	Model description
Part number	
Normally-closed (NC)	Wiring diagram (page/pos.)
Stock status: Ex stock/Built to order	
	Model description
Part number	
Normally-closed/open (NC/NO) selectable	Wiring diagram (page/pos.)
Stock status: Ex stock/Built to order	
	Model description
Part number	
Complementary	Wiring diagram (page/pos.)
Stock status: Ex stock/Built to order	
Electrical data	
Voltage range	
Output current	min./max.
Switching frequency	max.
Short-circuit protection	
LED: yellow = switched / green = power	
Sensitivity adjustment	
Mechanical data	
Temperature range	min./max.
Protection type	
Housing material	
Termination	cable 2 m/6.5 ft mm²
	plug (page)
Accessories	(page/Pos.)

5 x 5 x 25			8 x 8 x 40		
1 mm (0.04")			1.5 mm (0.06")		
–	●/–	–	●/–	●/–	–
NPN	PNP	AC	NPN	PNP	AC
–	KIB-Q05PS/ 001-K2PU 650.2999.026 263/1	–	KIB-Q08NS/ 1.5-K2 650.2380.001 263/4	KIB-Q08PS/ 1.5-K2 650.2980.004 263/1	–
–	●/–	–	–/●	●/–	–
–	KIB-Q05PÖ/ 001-K2PU 650.2799.010 263/2	–	–	KIB-Q08PÖ/ 1.5-K2 650.2780.001 263/2	–
–	–/●	–	–	–/●	–
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
–	10–30 V	–	10–36 V	10–36 V	–
–	–/200 mA	–	–/200 mA	–/200 mA	–
–	1000 Hz	–	1000 Hz	1000 Hz	–
–	●	–	●	●	–
–	–	–	–	–	–
–	–	–	–	–	–
–	–25 °C/+70 °C	–	–25 °C/+70 °C	–25 °C/+70 °C	–
–	–13 °F/+158 °F	–	–13 °F/+158 °F	–13 °F/+158 °F	–
–	IP 67/NEMA 4	–	IP 67/NEMA 4	IP 67/NEMA 4	–
–	CuZn39Pb3	–	CuZn39Pb3	CuZn39Pb3	–
–	PUR 3x0.05	–	PVC 3x0.14	PVC 3x0.14	–
–	–	–	–	–	–
–	–	–	–	–	–

Dimension diagrams

All dimensions in mm (inch)



**8 x 8 x 47****1.5 mm (0.06")**

–	●/–	–
NPN	PNP	AC
–	KIB-Q08PS/ 1.5-KLSM8 650.2980.002 263/1	–
–	●/–	–
–	KIB-Q08PÖ/ 1.5-KLSM8 650.2780.002 263/2	–
–	–/●	–

12 x 12 x 55**4 mm (0.16")**

–	●/–	–
NPN	PNP	AC
–	KIB-Q12PS/ 004-KL2E 650.2999.028 263/1	–
–	–/●	–
–	–	–
–	–	–

extended sensing distance**12 x 12 x 55****4 mm (0.16")**

●/–	●/–	–
NPN	PNP	AC
KIB-Q12NS/ 004-KLSM8E 650.2399.021 263/4	KIB-Q12PS/ 004-KLSM8E 650.2999.030 263/1	–
–/●	●/–	–
–	–	–
–	–	–

extended sensing distance

–	10–36 V	–
–	–/200 mA	–
–	1000 Hz	–
–	●	–
–	●/–	–
–	–	–

–	10–60 V	–
–	–/200 mA	–
–	800 Hz	–
–	●	–
–	●/–	–
–	–	–

10–36 V	10–36 V	–
–/200 mA	–/200 mA	–
800 Hz	800 Hz	–
●	●	–
●/–	●/–	–
–	–	–

–	–25 °C/+70 °C	–
–	–13 °F/+158 °F	–
–	IP 67/NEMA 4	–
–	CuZn39Pb3	–
–	–	–
–	282/283	–
–	–	–

–	–25 °C/+70 °C	–
–	–13 °F/+158 °F	–
–	IP 67/NEMA 4	–
–	CuZn39Pb3	–
–	PVC 3x0.14	–
–	–	–
–	–	–

–25 °C/+70 °C	–25 °C/+70 °C	–
–13 °F/+158 °F	–13 °F/+158 °F	–
IP 67/NEMA 4	IP 67/NEMA 4	–
CuZn39Pb3	CuZn39Pb3	–
–	–	–
282/283	282/283	–
–	–	–

