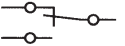
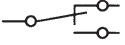


Inductive sensors

M 4 x 0.5
M 5 x 0.5
M 8 x 1



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.)

Dimension diagrams

All dimensions in mm (inch)

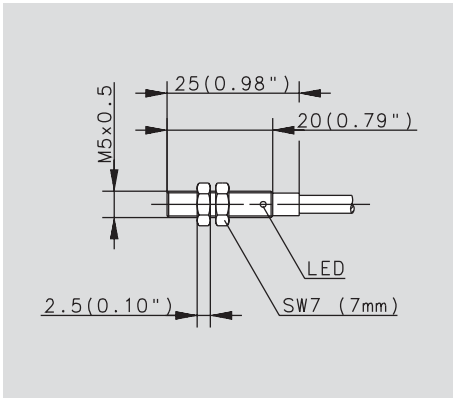
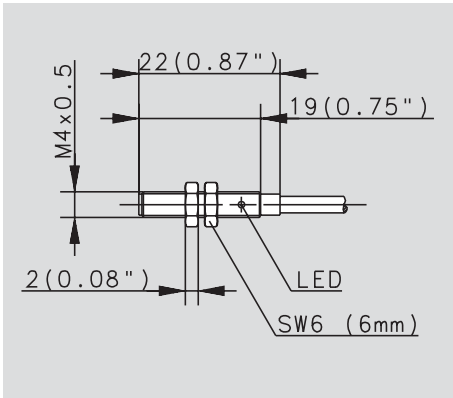
M 4

0.6 mm (0.02")		
●/-	●/-	-
NPN	PNP	AC
KIB-M04NS/ 0.6-KL2PU	KIB-M04PS/ 0.6-KL2PU	-
650.2399.018	650.2999.020	
263/4	263/1	
-/●	●/-	
-	KIB-M04PÖ/ 0.6-KL2PU	-
	650.2799.008	
	263/2	
	-/●	
-	-	-
-	-	-
-	-	-

M 5

1 mm (0.04")		
●/-	●/-	-
NPN	PNP	AC
KIB-M05NS/ 001-KL2PU	KIB-M05PS/ 001-KL2PU	-
650.2399.003	650.2999.003	
263/4	263/1	
-/●	●/-	
-	KIB-M05NÖ/ 001-KL2PU	-
	650.2199.001	
	263/5	
	-/●	
-	-	-
-	-	-
-	-	-

10-30 V	10-30 V	-	10-30 V	10-30 V	-
-/100 mA	-/100 mA	-	-/200 mA	-/200 mA	-
3000 Hz	3000 Hz	-	3000 Hz	3000 Hz	-
●	●	-	●	●	-
●/-	●/-	-	●/-	●/-	-
-	-	-	-	-	-
-25 °C/+70 °C	-25 °C/+70 °C	-	-25 °C/+70 °C	-25 °C/+70 °C	-
-13 °F/+158 °F	-13 °F/+158 °F	-	-13 °F/+158 °F	-13 °F/+158 °F	-
IP 67/NEMA 4	IP 67/NEMA 4	-	IP 67/NEMA 4	IP 67/NEMA 4	-
CuZn39Pb3	CuZn39Pb3	-	CuZn39Pb3	CuZn39Pb3	-
PUR 3x0.055	PUR 3x0.055	-	PUR 3x0.14	PUR 3x0.14	-
-	-	-	-	-	-
266/3	266/3	-	266/4	266/4	-



**M 5****1 mm (0.04")**

	●/-	-
NPN	PNP	AC

-	KIB-M05PS/ 001-KLSM8 650.2999.018 263/1	-
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-	●/-	-
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M 8 x 1**1.5 mm (0.06")**

	●/-	●/-	-
NPN	PNP	AC	

KIB-M08NS/ 1.5-KL2 650.2301.003 263/4	KIB-M08PS/ 1.5-KL2 650.2901.003 263/1	-
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●/-	●/-	-
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KIB-M08NÖ/ 1.5-KL2 650.2101.001 263/5	KIB-M08PÖ/ 1.5-KL2 650.2701.001 263/2	-
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●/-	●/-	-
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M 8 x 1**1.5 mm (0.06")**

	●/-	●/-	-
NPN	PNP	AC	

KIB-M08NS/ 1.5-KLSM8 650.2342.003 263/4	KIB-M08PS/ 1.5-KLSM8 650.2942.005 263/1	-
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-/●	●/-	-
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-	KIB-M08PÖ/ 1.5-KLSM8 650.2742.001 263/2	-
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-	●/-	-
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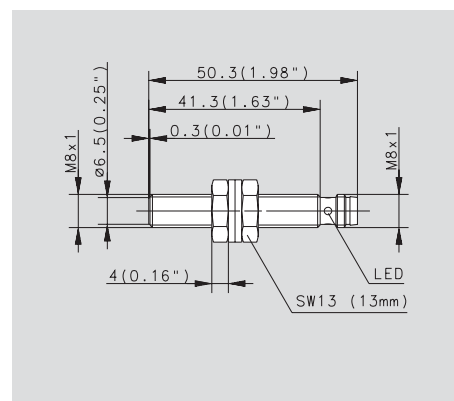
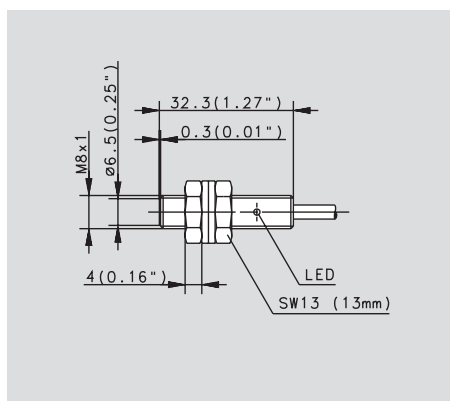
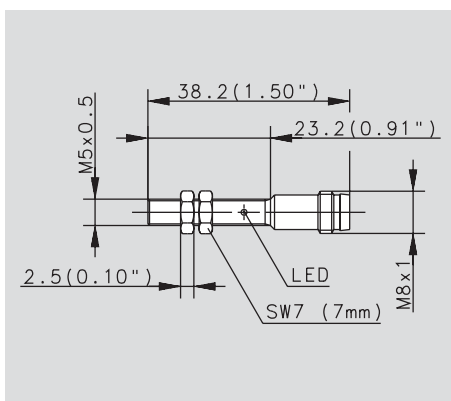
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M 12 x 1



Rated operating distance		
Mounting	flush	/non-flush
Switching functions		
	Model description	
Normally-open (NO)	Wiring diagram (page/pos.)	
Stock status: Ex stock/Built to order		
	Model description	
Normally-closed (NC)	Wiring diagram (page/pos.)	
Stock status: Ex stock/Built to order		
	Model description	
Normally-closed/open (NC/NO) selectable	Wiring diagram (page/pos.)	
Stock status: Ex stock/Built to order		
	Model description	
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 mm ² plug (page)
Accessories	(page/Pos.)

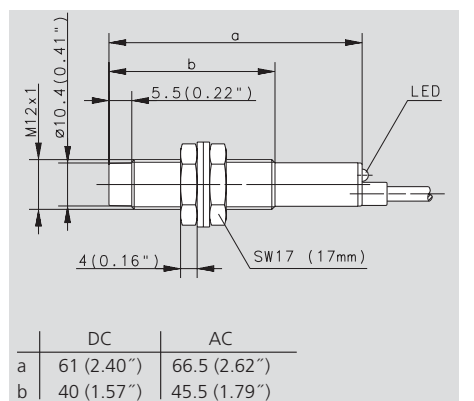
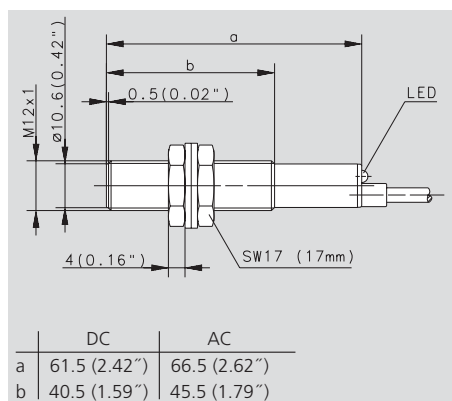
All dimensions in mm (inch)

M 12 x 1			M 12 x 1		
2 mm (0.08")			4 mm (0.16")		
●/—	●/—	●/—	—/●	—/●	—/●
NPN	PNP	AC	NPN	PNP	AC
KIB-M12NS/ 002-KL2	KIB-M12PS/ 002-KL2	KIB-M12AS/ 002-L2	KIN-M12NS/ 004-KL2	KIN-M12PS/ 004-KL2	KIN-M12AS/ 004-L2
650.2303.001	650.2903.003	650.3503.001	650.2304.001	650.2904.002	650.3504.001
263/4	263/1	265/4	263/4	263/1	265/4
—/●	●/—	●/—	●/—	●/—	●/—
—	KIB-M12PÖ/ 002-KL2	KIB-M12AÖ/ 002-L2	KIN-M12NÖ/ 004-KL2	KIN-M12PÖ/ 004-KL2	KIN-M12AÖ/ 004-L2
	650.2703.001	650.3403.001	650.2104.001	650.2704.001	650.3404.001
	263/2	265/5	263/5	263/2	265/5
	—/●	—/●	—/●	●/—	—/●

Government	Percentage
Current government	80%
Previous government	20%

10–36 V	10–36 V	90–250 V	10–36 V	10–36 V	90–250 V
–/200 mA	–/200 mA	4/180 mA	–/200 mA	–/200 mA	4/180 mA
800 Hz	800 Hz	10 Hz	400 Hz	400 Hz	10 Hz
●	●	–	●	●	–
●/–	●/–	●/–	●/–	●/–	●/–
–	–	–	–	–	–

-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C
-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F
IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4
CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3
PVC 3x0.14	PVC 3x0.14	PVC 2x0.14	PVC 3x0.14	PVC 3x0.14	PVC 2x0.14
—	—	—	—	—	—
—	—	—	—	—	—



**M 12 x 1****2 mm (0.08")**

●/-	●/-	-
NPN	PNP	AC
KIB-M12NS/ 002-KLS12 650.2343.003 263/4	KIB-M12PS/ 002-KLS12 650.2943.012 263/1	-
-/●	●/-	-
-	KIB-M12PÖ/ 002-KLS12 650.2743.003 263/2	-
-	-/●	-

M 12 x 1**4 mm (0.16")**

-	-/●	-
NPN	PNP	AC
-	KIN-M12PS/ 004-KLS12 650.2944.012 263/1	-
-	●/-	-
-	KIN-M12PÖ/ 004-KLS12 650.2744.003 263/2	-
-	-/●	-

M 12 x 1**2 mm (0.08")**

●/-	●/-	-
NPN	PNP	AC
-	KIB-M12PS/ 002-KL2V 650.2903.016 263/1	-
-/●	-/●	-
KIB-M12NÖ/ 002-KL2V 650.2103.003 263/5	KIB-M12PÖ/ 002-KL2V 650.2703.005 263/2	-
-/●	-/●	-

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

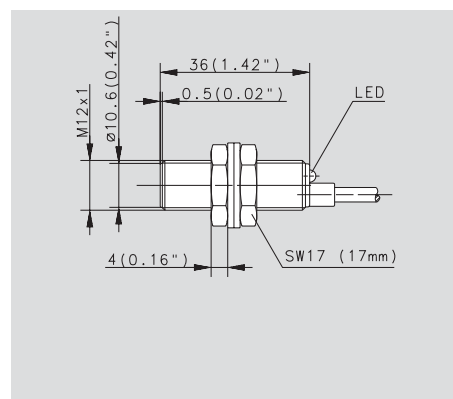
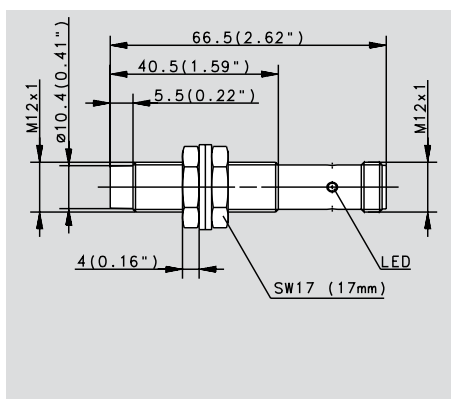
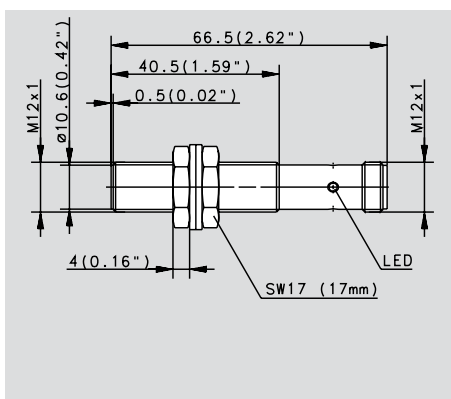
10-36 V	-
-/200 mA	-
800 Hz	-
●	-
●/-	-
-	-

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

-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	-
-	-	-
284/285/286	284/285/286	-
-	-	-

-25 °C/+70 °C	-
-13 °F/+158 °F	-
IP 67/NEMA 4	-
CuZn39Pb3	-
-	-
284/285/286	-
-	-

-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	-
PVC 3x0.14	PVC 3x0.14	-
-	-	-



M 12 x 1



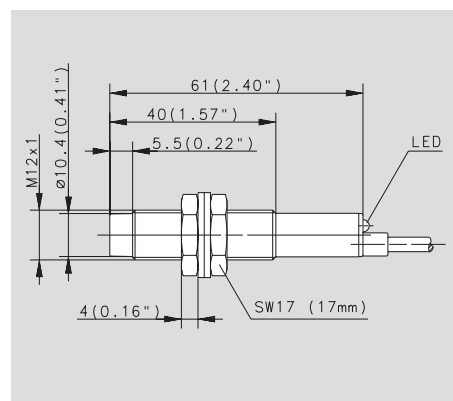
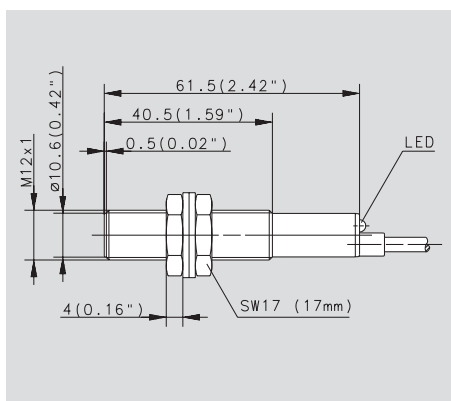
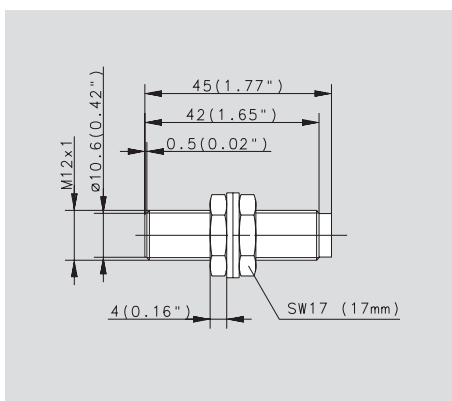
All dimensions in mm (inch)

Technical drawing of a bolt and nut assembly. The drawing shows a bolt with a hexagonal head and a nut. The dimensions are as follows:

- Bolt head diameter: $\varnothing 10.4$ (0.41")
- Bolt head width: 45 (1.77")
- Bolt head width (excluding hexagonal part): 42 (1.65")
- Bolt head thickness: 5.5 (0.22")
- Bolt length: 4 (0.16")
- Nut: SW17 (17mm)



M 12 x 1 2 mm (0.08")			M 12 x 1 4 mm (0.16")			M 12 x 1 6 mm (0.24")		
–	●/–	–	–	●/–	–	–/●	–/●	–
NPN	PNP	AC	NPN	PNP	AC	NPN	PNP	AC
–	KIB-M12PS/ 002-KS12V 650.2943.006 263/1	–	–	KIB-M12PS/ 004-KL2E 650.2903.014 263/1	–	KIN-M12NS/ 006-KL2E 650.2304.012 263/4	KIN-M12PS/ 006-KL2E 650.2904.009 263/1	–
–	●/–	–	–	●/–	–	–/●	●/–	–
–	KIB-M12PÖ/ 002-KS12V 650.2743.005 263/2	–	–	–	–	–	KIN-M12PÖ/ 006-KL2E 650.2704.005 263/2	–
–	–/●	–	–	–	–	–	–/●	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	10–36 V	–	–	10–60 V	–	10–60 V	10–60 V	–
–	–/200 mA	–	–	–/200 mA	–	–/200 mA	–/200 mA	–
–	800 Hz	–	–	800 Hz	–	400 Hz	400 Hz	–
–	●	–	–	●	–	●	●	–
–	–	–	–	●/–	–	●/–	●/–	–
–	–	–	–	–	–	–	–	–
–	–25 °C/+70 °C	–	–	–25 °C/+70 °C	–	–25 °C/+70 °C	–25 °C/+70 °C	–
–	–13 °F/+158 °F	–	–	–13 °F/+158 °F	–	–13 °F/+158 °F	–13 °F/+158 °F	–
–	IP 67/NEMA 4	–	–	IP 67/NEMA 4	–	IP 67/NEMA 4	IP 67/NEMA 4	–
–	CuZn39Pb3	–	–	CuZn39Pb3	–	CuZn39Pb3	CuZn39Pb3	–
–	–	–	–	PVC 3x0.14	–	PVC 3x0.14	PVC 3x0.14	–
–	284/285/286	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–



M 12 x 1



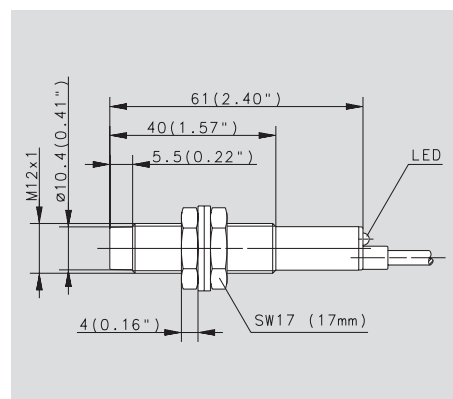
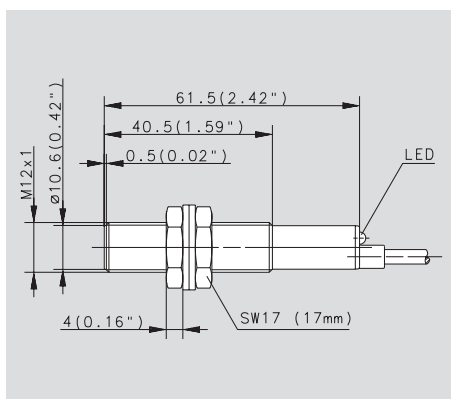
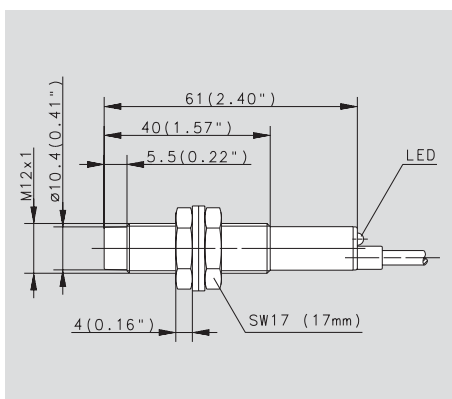
All dimensions in mm (inch)

Technical drawing of the LED module assembly showing dimensions and components:

- Thread: M12x1
- Outer diameter: $\varnothing 10.6 (0.42")$
- LED component
- SW17 (17mm)
- Dimensions:
 - 61.5 (2.42")
 - 40.5 (1.59")
 - 0.5 (0.02")
 - 4 (0.16")

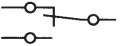
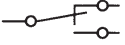


M 12 x 1 higher temperature range			M 12 x 1 higher switching frequency			M 12 x 1 higher switching frequency		
4 mm (0.16")			2 mm (0.08")			4 mm (0.16")		
–	–/●	–	●/–	●/–	–	–/●	–/●	–
NPN	PNP	AC	NPN	PNP	AC	NPN	PNP	AC
–	KIN-M12PS/ 004-KL2T 650.2904.011 263/1 –/●	–	KIB-M12NS/ 002-KL2F 650.2303.005 263/4 –/●	KIB-M12PS/ 002-KL2F 650.2903.012 263/1 –/●	–	KIN-M12NS/ 004-KL2F 650.2304.006 263/4 –/●	KIN-M12PS/ 004-KL2F 650.2904.010 263/1 ●/–	–
–	KIN-M12PÖ/ 004-KL5T 650.2704.004 263/2 –/●	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	10–36 V	–	10–60 V	10–60 V	–	10–60 V	10–60 V	–
–	–/200 mA	–	–/200 mA	–/200 mA	–	–/200 mA	–/200 mA	–
–	400 Hz	–	4000 Hz	4000 Hz	–	3000 Hz	3000 Hz	–
–	●	–	●	●	–	●	●	–
–	●/–	–	●/–	●/–	–	●/–	●/–	–
–	–	–	–	–	–	–	–	–
–	0 °C/+100 °C	–	–25 °C/+70 °C	–25 °C/+70 °C	–	–25 °C/+70 °C	–25 °C/+70 °C	–
–	–32 °F/+212 °F	–	–13 °F/+158 °F	–13 °F/+158 °F	–	–13 °F/+158 °F	–13 °F/+158 °F	–
–	IP 67/NEMA 4	–	IP 67/NEMA 4	IP 67/NEMA 4	–	IP 67/NEMA 4	IP 67/NEMA 4	–
–	CuZn39Pb3	–	CuZn39Pb3	CuZn39Pb3	–	CuZn39Pb3	CuZn39Pb3	–
–	PVC 3x0.14	–	PVC 3x0.14	PVC 3x0.14	–	PVC 3x0.14	PVC 3x0.14	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–



Inductive sensors

M 18 x 1

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.)	

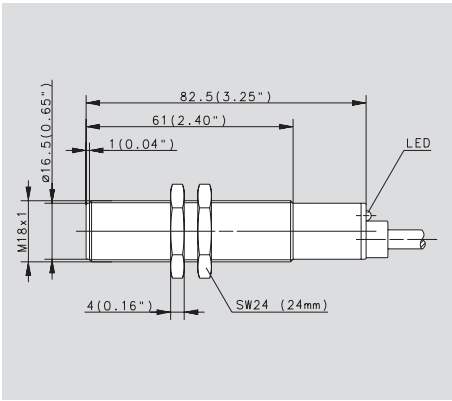
Dimension diagrams

All dimensions in mm (inch)



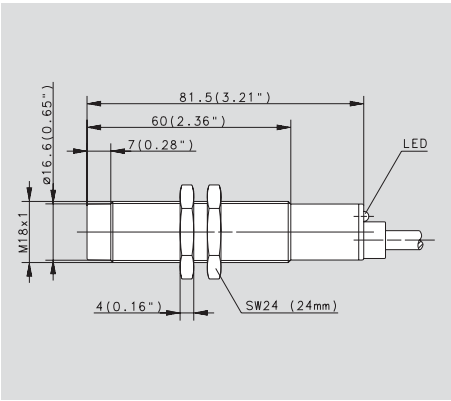
M 18 x 1

5 mm (0.20")		
●/-	●/-	●/-
NPN	PNP	AC
KIB-M18NS/ 005-KL2	KIB-M18PS/ 005-KL2	KIB-M18AS/ 005-L2
650.2305.134	650.2905.850	650.3505.004
263/4	263/1	265/4
-/●	●/-	●/-
-	KIB-M18PÖ/ 005-KL3	KIB-M18AÖ/ 005-L2
	650.2705.172	650.3405.001
	263/2	265/5
	-/●	-/●
-	-	-
-	KIB-M18PU/ 005-KL2	-
	650.2805.001	
	264/4	
	-/●	
10-60 V	10-60 V	20-250 V
-/200 mA	-/200 mA	4/400 mA
500 Hz	500 Hz	10 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
PVC 3x0.5/4x0.5	PVC 3x0.5/4x0.5	PVC 2x0.5
-	-	-
266/6	266/6	266/6



M 18 x 1

8 mm (0.32")		
-/●	-/●	-/●
NPN	PNP	AC
KIN-M18NS/ 008-KL2	KIN-M18PS/ 008-KL2	KIN-M18AS/ 008-L2
650.2306.194	650.2906.200	650.3506.002
263/4	263/1	265/4
-/●	●/-	●/-
-	KIN-M18NÖ/ 008-KL2	KIN-M18PÖ/ 008-KL2
	650.2106.191	650.2706.001
	263/5	263/2
	-/●	-/●
-	-	-
-	KIN-M18PU/ 008-KL2	-
	650.2806.001	
	264/4	
	-/●	
10-60 V	10-60 V	20-250 V
-/200 mA	-/200 mA	4/400 mA
200 Hz	200 Hz	10 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
PVC 3x0.5/4x0.5	PVC 3x0.5/4x0.5	PVC 2x0.5
-	-	-
266/6	266/6	266/6



**M 18 x 1****5 mm (0.20")**

–	●/–	–
NPN	PNP	AC
–	KIB-M18PS/ 005-KL2V 650.2905.008 263/1	–
–	●/–	–
–	KIB-M18PÖ/ 005-KL2V 650.2705.006 263/2	–
–	–/●	–
–	–	–

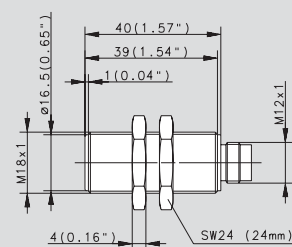
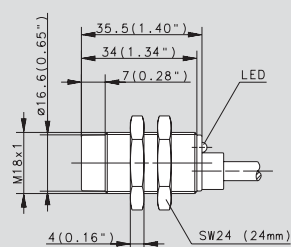
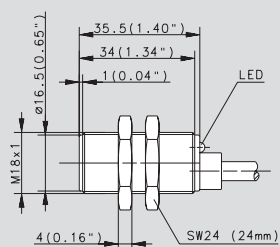
M 18 x 1**8 mm (0.32")**

–/●	–/●	–
NPN	PNP	AC
–	KIN-M18NS/ 008-KL2V 650.2306.004 263/4	–
–	●/–	–
–	KIN-M18PÖ/ 008-KL2V 650.2706.002 263/2	–
–	–/●	–
–	–	–

M 18 x 1**5 mm (0.20")**

–	●/–	–
NPN	PNP	AC
–	KIB-M18PS/ 005-KS12V 650.2905.012 263/1	–
–	●/–	–
–	KIB-M18PÖ/ 005-KS12V 650.2705.007 263/2	–
–	–/●	–
–	–	–

–	10–60 V	–	10–60 V	10–60 V	–	–	10–60 V	–
–	–/200 mA	–	–/200 mA	–/200 mA	–	–	–/200 mA	–
–	500 Hz	–	200 Hz	200 Hz	–	–	500 Hz	–
–	●	–	●	●	–	–	●	–
–	●/–	–	●/–	●/–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	–25 °C/+70 °C	–	–25 °C/+70 °C	–25 °C/+70 °C	–	–	–25 °C/+70 °C	–
–	–13 °F/+158 °F	–	–13 °F/+158 °F	–13 °F/+158 °F	–	–	–13 °F/+158 °F	–
–	IP 67/NEMA 4	–	IP 67/NEMA 4	IP 67/NEMA 4	–	–	IP 67/NEMA 4	–
–	CuZn39Pb3	–	CuZn39Pb3	CuZn39Pb3	–	–	CuZn39Pb3	–
–	PVC 3x0.5	–	PVC 3x0.5	PVC 3x0.5	–	–	–	–
–	–	–	–	–	–	–	284/285/286	–
–	266/6	–	266/6	266/6	–	–	266/6	–



M 18 x 1
M 30 x 1.5



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 mm ² plug (page)
Accessories	(page/Pos.)

1) DC-3-wire	2) AC-2-wire
1 = +	1 = L1
2 = -	2 = Output
3 = Output	

Technical drawing of the LED module showing dimensions in millimeters (mm) and inches (").

- Overall length: $\sim 115,7 (4,56")$
- Distance from mounting hole to LED: $88 (3,46")$
- Distance from mounting hole to SW24: $60 (2,36")$
- Distance from mounting hole to LED: $7 (0,28")$
- Distance from mounting hole to SW24: $4 (0,16")$
- Thread: $M1,8 \times 1$
- LED
- SW24 (24mm)

136  BERNSTEIN

**M 30 x 1.5****10 mm (0.39")**

●/-	●/-	●/-
NPN	PNP	AC
KIB-M30NS/ 010-KL2 650.2307.135 263/4	KIB-M30PS/ 010-KL2 650.2907.068 263/1	KIB-M30AS/ 010-L2 650.3507.378 265/4
-/●	●/-	●/-
-	-	KIB-M30AÖ/ 010-L2 650.3407.240 265/5
-	-	-/●

M 30 x 1.5**15 mm (0.59")**

-/●	-/●	-/●
NPN	PNP	AC
KIN-M30NS/ 015-KL2 650.2308.001 263/4	KIN-M30PS/ 015-KL2 650.2908.002 263/1	KIN-M30AS/ 015-L2.5 650.3508.246 265/4
-/●	●/-	-/●
-	-	-

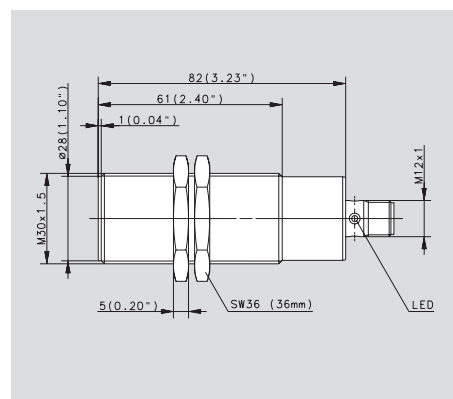
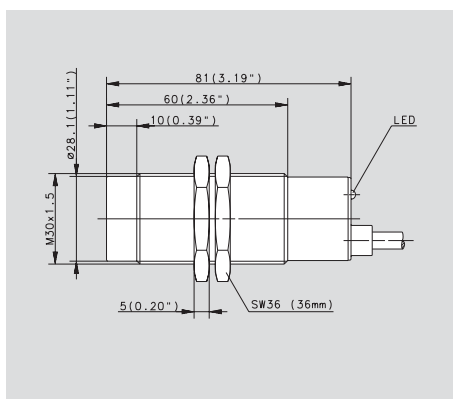
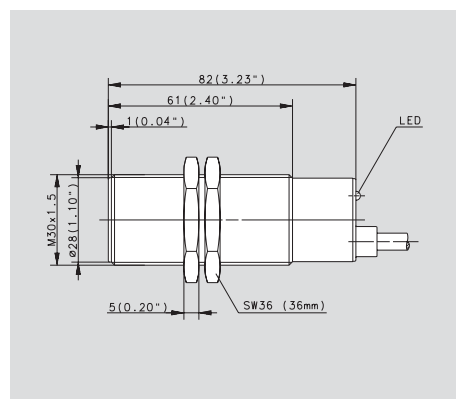
M 30 x 1.5**10 mm (0.39")**

-	●/-	-
NPN	PNP	AC
-	KIB-M30PS/ 010-KLS12 650.2939.004 263/1	-
-	●/-	-

KIB-M30NU/ 010-KL2 650.2207.001 264/5	-	-	-	KIN-M30PU/ 015-KL2 650.2808.001 264/4	-	-	-
-/●	-	-	-	-/●	-	-	-

10-60 V	10-60 V	20-250 V	10-60 V	10-60 V	20-250 V	-	10-60 V	-
-/200 mA	-/200 mA	4/400 mA	-/200 mA	-/200 mA	4/400 mA	-	-/200 mA	-
300 Hz	300 Hz	10 Hz	100 Hz	100 Hz	10 Hz	-	300 Hz	-
●	●	-	●	●	-	-	●	-
●/-	●/-	●/-	●/-	●/-	●/-	-	●/-	-
-	-	-	-	-	-	-	-	-

-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C	-25 °C/+70 °C	-	-25 °C/+70 °C	-
-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F	-13 °F/+158 °F	-	-13 °F/+158 °F	-
IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4	IP 67/NEMA 4	-	IP 67/NEMA 4	-
CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	-	CuZn39Pb3	-
PVC 3x0.5/4x0.5	PVC 3x0.5/4x0.5	PVC 2x0.5	PVC 3x0.5/4x0.5	PVC 3x0.5/4x0.5	PVC 2x0.5	-	-	-
-	-	-	-	-	-	-	284/285/286	-
266/8	266/8	266/8	266/8	266/8	266/8	-	266/8	-



M 30 x 1.5

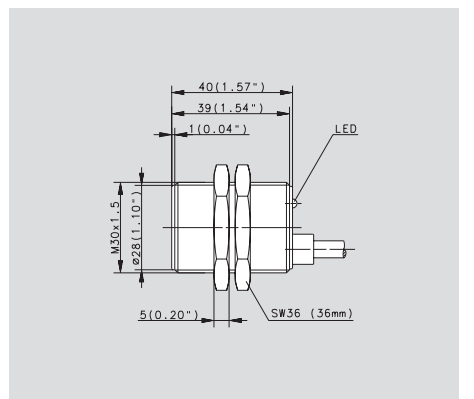


M 30 x 1.5			M 30 x 1.5		
15 mm (0.59")			10 mm (0.39")		
—	—/●	—	—	●/—	—
NPN	PNP	AC	NPN	PNP	AC
—	KIN-M30PS/ 015-KLS12 650.2935.005 263/1	—	—	KIB-M30PS/ 010-KL2V 650.2907.003 263/1	—
	●/—			●/—	
—	—	—	—	KIB-M30PÖ/ 010-KL2V 650.2707.001 263/2	—
				—/●	
—	—	—	—	—	—
—	—	—	—	—	—
—	10–60 V	—	—	10–60 V	—
—	–/200 mA	—	—	–/200 mA	—
—	100 Hz	—	—	300 Hz	—
—	●	—	—	●	—
—	●/—	—	—	●/—	—
—	—	—	—	—	—
—	–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	—
—	—	—	—	PVC 3x0.5	—
—	284/285/286	—	—	—	—
—	266/8	—	—	266/8	—

1) DC-3-wire 2) AC-2-wire
1 = + 1 = L1
2 = - 2 = Output
3 = Output

3) Cable length 2.5 m/98"

All dimensions in mm (inch)



**M 30 x 1.5****15 mm (0.59")**

–	–/●	–/●
NPN	PNP	AC
–	KIN-T30PS/ 015-KL2 650.2923.981 263/1	KIN-T30AS/ 015-L2.5 ¹⁾ 650.3523.956 265/4
	●/–	●/–

–	–	KIN-T30AÖ/ 015-L2 650.3423.955 265/5
	–	–/●

–	–	–
	–	–

M 30 x 1.5**10 mm (0.39")**

–	●/–	–
NPN	PNP	AC
–	–	–
	–	–

–	–	–
	–	–

–	KIB-T30PP/ 010-KLSD 650.2822.862 ¹⁾	–
	●/–	–

–	–	–
	–	–

M 30 x 1.5**15 mm (0.59")**

–	–/●	–/●
NPN	PNP	AC
–	KIN-M30PS/ 015-KLSD 650.2935.001 ¹⁾	–
	●/–	–

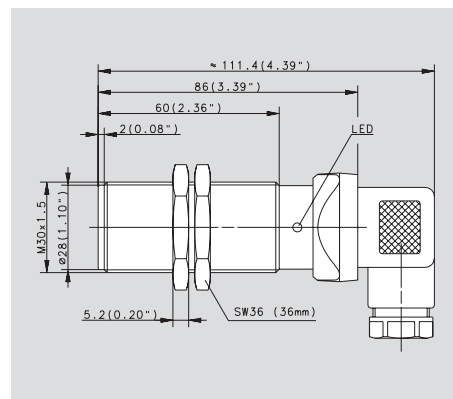
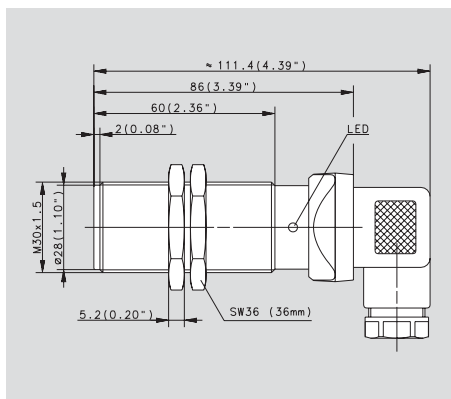
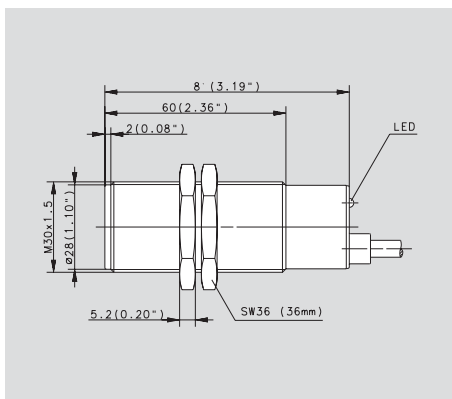
–	–	–
	–	–

–	KIN-T30PP/ 015-KLSD 650.2836.860 ¹⁾	KIN-T30AP/ 015-LSD 650.3536.868 ²⁾
	●/–	●/–

–	–	–
	–	–

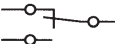
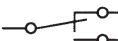
–	10–60 V	20–250 V	–	10–60 V	–	–	10–60 V	20–250 V
–	–/200 mA	4/400 mA	–	–/200 mA	–	–	–/200 mA	4/400 mA
–	100 Hz	10 Hz	–	300 Hz	–	–	100 Hz	10 Hz
–	●	–	–	●	–	–	●	–
–	●/–	●/–	–	●/–	–	–	●/–	●/–
–	–	–	–	–	–	–	–	–

–	–25 °C/+70 °C	–25 °C/+70 °C	–	–25 °C/+70 °C	–	–	–25 °C/+70 °C	–25 °C/+70 °C
–	–13 °F/+158 °F	–13 °F/+158 °F	–	–13 °F/+158 °F	–	–	–13 °F/+158 °F	–13 °F/+158 °F
–	IP 67/NEMA 4	IP 67/NEMA 4	–	IP 65/NEMA 12	–	–	IP 65/NEMA 12	IP 65/NEMA 12
–	PA 6	PA 6	–	PA 6	–	–	CuZn39Pb3/PA 6	PA 6
–	PVC 3x0.5	PVC 2x0.5	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
–	266/8	266/8	–	266/8	–	–	266/8	266/8



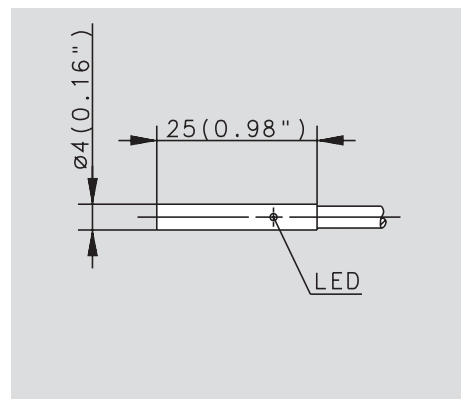
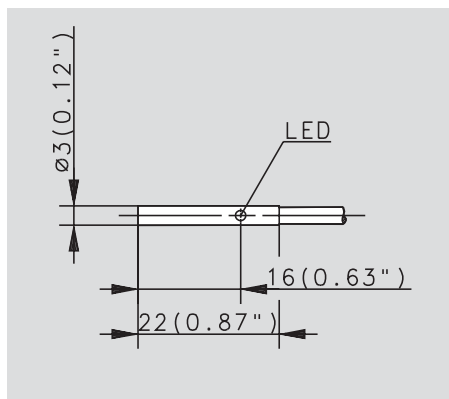
Ø 3
Ø 4
Ø 6.5



Rated operating distance	
Mounting	flush  /non-flush 
Switching functions	
	Model description
Normally-open (NO)	Wiring diagram (page/pos.)
Stock status: Ex stock/Built to order	
	Model description
Normally-closed (NC)	Wiring diagram (page/pos.)
Stock status: Ex stock/Built to order	
	Model description
Normally-closed/open (NC/NO) selectable	Wiring diagram (page/pos.)
Stock status: Ex stock/Built to order	
	Model description
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 mm ² plug (page)
Accessories	(page/Pos.)

Ø 3			Ø 4		
0.6 mm (0.02")			0.8 mm (0.03")		
–	●/–	–	●/–	●/–	–
NPN	PNP	AC	NPN	PNP	AC
–	KIB-D03PS/ 0.6-KL2PU 650.2999.019 263/1 ●/–	–	KIB-D04NS/ 0.8-KL2PU 650.2399.004 263/4 –/●	KIB-D04PS/ 0.8-KL2PU 650.2999.004 263/1 ●/–	–
–	KIB-D03PÖ/ 0.6-KL2PU 650.2799.007 263/2 ●/–	–	–	KIB-D04PÖ/ 0.8-KL2PU 650.2799.002 263/2 –/●	–
–	–	–	–	–	–
–	–	–	–	–	–
–	10–30 V	–	10–30 V	10–30 V	–
–	–/100 mA	–	–/200 mA	–/200 mA	–
–	3000 Hz	–	3000 Hz	3000 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	–
–	stainless steel 1.4305	–	stainless steel 1.4305	stainless steel 1.4305	–
–	PUR 3x0.055	–	PUR 3x0.14	PUR 3x0.14	–
–	–	–	–	–	–
–	–	–	266/3	266/3	–

All dimensions in mm (inch)





Ø 4

0.8 mm (0.03")

●/-	●/-	-
NPN	PNP	AC
KIB-D04NS/ 0.8-KLSM8	KIB-D04PS/ 0.8-KLSM8	-
650.2399.015	650.2999.017	
263/4	263/1	

-/●	●/-	-
-----	-----	---

-	-	-
---	---	---

Ø 6.5

1.5 mm (0.06")

●/-	●/-	-
NPN	PNP	AC
KIB-D06NS/ 1.5-KL2	KIB-D06PS/ 1.5-KL2	-
650.2399.009	650.2999.010	
263/4	263/1	

-/●	●/-	-
-----	-----	---

-	KIB-D06PÖ/ 1.5-KL2	-
-	650.2799.011	
-	263/2	
-	-/●	-

Ø 6.5

1.5 mm (0.06")

-	●/-	-
NPN	PNP	AC
-	KIB-D06PS/ 1.5-K2VPU	-
-	650.2999.034	
-	263/1	

-	●/-	-
---	-----	---

-	-	-
---	---	---

10-30 V	10-30 V	-
-/200 mA	-/200 mA	-
3000 Hz	3000 Hz	-
●	●	-
●/-	●/-	-
-	-	-

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

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

-25 °C/+70 °C	-25 °C/+70 °C	-
-13 °F/+158 °F	-13 °F/+158 °F	-
IP 67/NEMA 4	IP 67/NEMA 4	-
stainless steel 1.4305	stainless steel 1.4305	-
-	-	-
282/283	282/283	-
266/3	266/3	-

-25 °C/+70 °C	-25 °C/+70 °C	-
-13 °F/+158 °F	-13 °F/+158 °F	-
IP 67/NEMA 4	IP 67/NEMA 4	-
stainless steel 1.4401	stainless steel 1.4401	-
PVC 3x0.14	PVC 3x0.14	-
-	-	-
266/5	266/5	-

-	-25 °C/+70 °C	-
-	-13 °F/+158 °F	-
-	IP 67/NEMA 4	-
-	stainless steel 1.4401	-
-	PUR 3x0.14	-
-	-	-
-	266/5	-

