

**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	-
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-/●	●/-	-
-	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	-
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-	●/-	-
-	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	-
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-/●	-/●	-
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	-
●	●	-
●/-	●/-	-
-	-	-

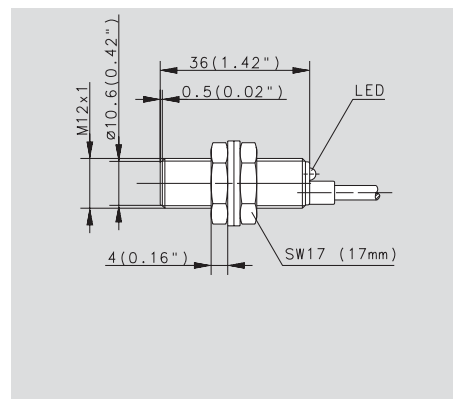
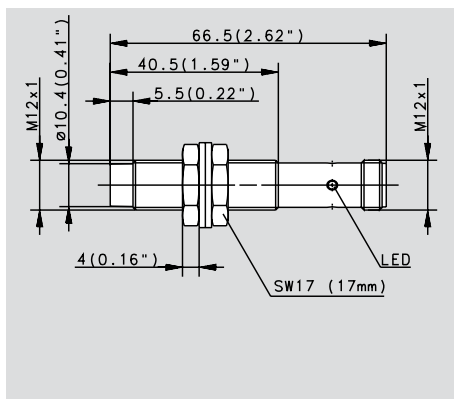
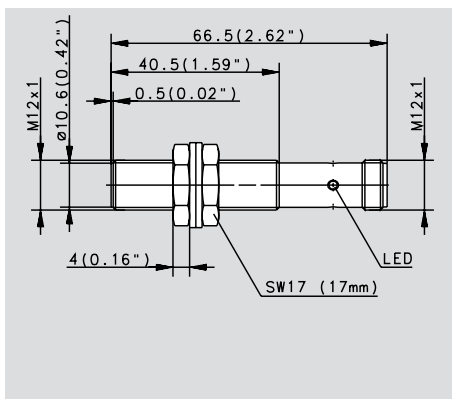
10-36 V	-	-
-/200 mA	-	-
800 Hz	-	-
●	-	-
●/-	-	-
-	-	-

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



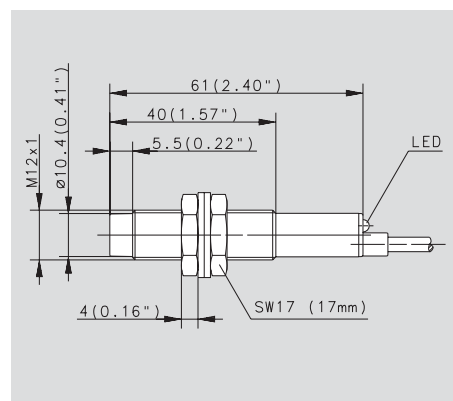
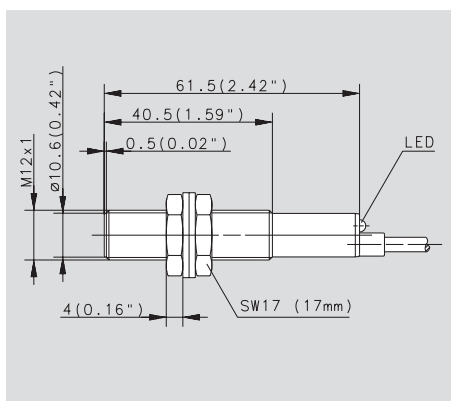
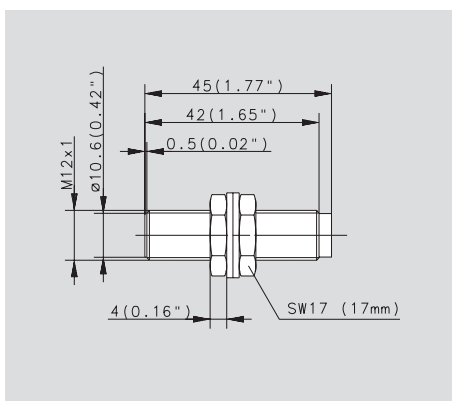
All dimensions in mm (inch)

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 length: 61.5 (2.42")
- LED to SW17 distance: 40.5 (1.59")
- SW17 to LED distance: 0.5 (0.02")
- SW17 length: 4 (0.16")
- SW17 specification: SW17 (17mm)
- LED label: LED



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	–
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–

