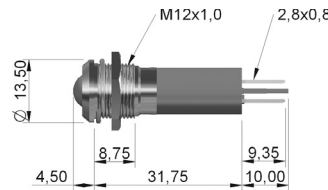


APEM switches now offers a NEW expanded range of panel mounting LED indicators. The range has seven different mounting hole sizes, three different bezel styles manufactured from high quality brass and ABS. Both bezel materials are available plated in bright chrome, black chrome, satin chrome and gold. A wide range of terminations are available and IP67 sealing can be achieved as an option. The LEDs are available in five different colors, plus bi-color, tri-color and flashing LEDs. A complementary range of super bright, water clear LEDs are also available. The indicators are available with integral resistors to permit direct connection to 6 V, 12 V, 24 V, 28 V, 110 V, and 220 V systems. Other voltages are available upon request. In addition APEM has designed and developed an extensive range of LED based lamps. Please contact your local Allied sales representative for assistance with APEM's complete line of products.

12 mm Panel Mount LED Indicators



- ▶ 12 mm Mounting Hole
- ▶ 7 mm Maximum Panel Thickness
- ▶ Uses 8 mm Diffused LED
- ▶ Front Mounting

- ▶ Hex Nut and Spring Washer Included
- ▶ IP67 Panel Sealing (EN60529)
- ▶ 2.8 x 0.8 mm Terminals
- ▶ Gold Terminal Denotes Anode Connection

- ▶ 60° Viewing Angle
- ▶ 5 V Maximum Reverse Voltage
- ▶ Red/Yellow/Green Indicators Use Red and Green LEDs to Generate Yellow

- ▶ Red/Yellow/Green Indicators Wired Common Cathode
- ▶ 100,000 Hours Life Expectancy
- ▶ -40 to 85°C Operating Temperature Range
- ▶ UL Recognized

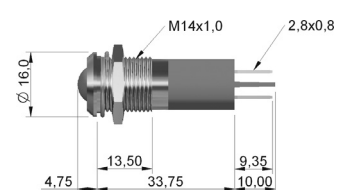
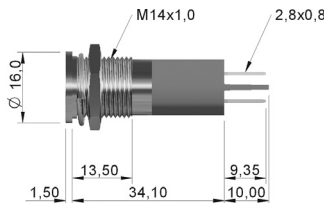
Black Chrome Finish

Color	Voltage	Prominent Bezel		
		Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066095	Q12P1BXXB12E	11.32
Green	12 VDC	70066098	Q12P1BXXG12E	8.74
Red	12 VDC	70066101	Q12P1BXXR12E	8.74
White	12 VDC	70066104	Q12P1BXXW12E	11.85
Yellow	12 VDC	70066107	Q12P1BXXY12E	8.74
Blue	24 VDC	70066096	Q12P1BXXB24E	11.32
Green	24 VDC	70066099	Q12P1BXXG24E	8.74
Red	24 VDC	70066102	Q12P1BXXR24E	8.74
White	24 VDC	70066105	Q12P1BXXW24E	11.85
Yellow	24 VDC	70066108	Q12P1BXXY24E	8.74
Blue	110 VAC	70066094	Q12P1BXXB110E	11.93
Green	110 VAC	70066097	Q12P1BXXG110E	9.43
Red	110 VAC	70066100	Q12P1BXXR110E	9.43
White	110 VAC	70066103	Q12P1BXXW110E	12.51
Yellow	110 VAC	70066106	Q12P1BXXY110E	13.18

Bright Chrome Finish

Color	Voltage	Prominent Bezel		
		Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066110	Q12P1CXXB12E	11.32
Green	12 VDC	70066113	Q12P1CXXG12E	8.74
Red	12 VDC	70066116	Q12P1CXXR12E	8.74
White	12 VDC	70066119	Q12P1CXXW12E	11.85
Yellow	12 VDC	70066122	Q12P1CXXY12E	8.74
Blue	24 VDC	70066111	Q12P1CXXB24E	11.32
Green	24 VDC	70066114	Q12P1CXXG24E	8.74
Red	24 VDC	70066117	Q12P1CXXR24E	8.74
White	24 VDC	70066120	Q12P1CXXW24E	11.85
Yellow	24 VDC	70066123	Q12P1CXXY24E	8.74
Blue	110 VAC	70066109	Q12P1CXXB110E	11.98
Green	110 VAC	70066112	Q12P1CXXG110E	9.43
Red	110 VAC	70066115	Q12P1CXXR110E	10.09
White	110 VAC	70066118	Q12P1CXXW110E	10.78
Yellow	110 VAC	70066121	Q12P1CXXY110E	11.44

14 mm Panel Mount LED Indicators



- ▶ 14 mm Mounting Hole
- ▶ 11 mm Maximum Panel Thickness
- ▶ Uses 10 mm Diffused LED
- ▶ Front Mounting

- ▶ Hex Nut and Spring Washer Included
- ▶ IP67 Panel Sealing (EN60529)
- ▶ 2.8 x 0.8 mm Terminals
- ▶ Gold Terminal Denotes Anode Connection

- ▶ 100° Viewing Angle
- ▶ Red/Yellow/Green Indicators Use Red and Green LEDs to Generate Yellow
- ▶ Red/Yellow/Green Indicators Wired Common Cathode

- ▶ 5 V Maximum Reverse Voltage
- ▶ 100,000 Hours Life Expectancy
- ▶ -40 to 85°C Operating Temperature Range
- ▶ UL Recognized

Black Chrome Finish

Color	Voltage	Flush Bezel			Prominent Bezel		
		Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066125	Q14F1BXXB12E	10.51	70066155	Q14P1BXXB12E	10.51
Green	12 VDC	70066128	Q14F1BXXG12E	7.26	—	—	—
Red	12 VDC	70066131	Q14F1BXXR12E	7.26	—	—	—
White	12 VDC	70066134	Q14F1BXXW12E	10.83	70066162	Q14P1BXXW12E	10.83
Yellow	12 VDC	70066137	Q14F1BXXY12E	7.26	70066165	Q14P1BXXY12E	7.26
Red/Yellow/Green	12 VDC	—	—	—	70066167	Q14P1BZZRYG12E	8.34
Blue	24 VDC	70066126	Q14F1BXXB24E	10.51	70066156	Q14P1BXXB24E	10.51
Green	24 VDC	70066129	Q14F1BXXG24E	7.26	70066158	Q14P1BXXG24E	7.26
Red	24 VDC	70066132	Q14F1BXXR24E	7.26	70066160	Q14P1BXXR24E	7.26
White	24 VDC	70066135	Q14F1BXXW24E	10.83	70066163	Q14P1BXXW24E	10.83
Yellow	24 VDC	70066138	Q14F1BXXY24E	7.26	70066166	Q14P1BXXY24E	7.26
Red/Yellow/Green	24 VDC	—	—	—	70066168	Q14P1BZZRYG24E	8.34
Blue	110 VAC	70066124	Q14F1BXXB110E	12.16	70066154	Q14P1BXXB110E	12.16
Green	110 VAC	70066127	Q14F1BXXG110E	8.91	70066157	Q14P1BXXG110E	8.91
Red	110 VAC	70066130	Q14F1BXXR110E	8.91	70066159	Q14P1BXXR110E	8.91
White	110 VAC	70066133	Q14F1BXXW110E	12.46	70066161	Q14P1BXXW110E	12.46
Yellow	110 VAC	70066136	Q14F1BXXY110E	8.91	70066164	Q14P1BXXY110E	8.91

Bright Chrome Finish

Color	Voltage	Flush Bezel			Prominent Bezel		
		Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066140	Q14F1CXXB12E	10.51	70066170	Q14P1CXXB12E	10.51
Green	12 VDC	70066143	Q14F1CXXG12E	7.26	70066173	Q14P1CXXG12E	7.26
Red	12 VDC	70066146	Q14F1CXXR12E	7.26	70066176	Q14P1CXXR12E	7.26
White	12 VDC	70066149	Q14F1CXXW12E	10.83	70066179	Q14P1CXXW12E	10.83
Yellow	12 VDC	70066152	Q14F1CXXY12E	7.26	70066182	Q14P1CXXY12E	7.26
Red/Yellow/Green	12 VDC	—	—	—	70066184	Q14P1CZZRYG12E	8.34
Blue	24 VDC	70066141	Q14F1CXXB24E	10.51	70066171	Q14P1CXXB24E	10.51
Green	24 VDC	70066144	Q14F1CXXG24E	7.26	70066174	Q14P1CXXG24E	7.26
Red	24 VDC	70066147	Q14F1CXXR24E	7.26	70066177	Q14P1CXXR24E	7.26
White	24 VDC	70066150	Q14F1CXXW24E	10.83	70066180	Q14P1CXXW24E	10.83
Yellow	24 VDC	70066153	Q14F1CXXY24E	7.26	70066183	Q14P1CXXY24E	7.26
Red/Yellow/Green	24 VDC	—	—	—	70066185	Q14P1CZZRYG24E	8.34
Blue	110 VAC	70066139	Q14F1CXXB110E	12.16	70066169	Q14P1CXXB110E	12.16
Green	110 VAC	70066142	Q14F1CXXG110E	8.91	70066172	Q14P1CXXG110E	8.91
Red	110 VAC	70066145	Q14F1CXXR110E	8.91	70066175	Q14P1CXXR110E	8.91
White	110 VAC	70066148	Q14F1CXXW110E	12.46	70066178	Q14P1CXXW110E	12.46
Yellow	110 VAC	70066151	Q14F1CXXY110E	8.91	70066181	Q14P1CXXY110E	8.91