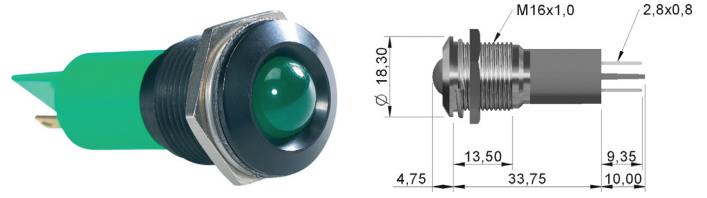
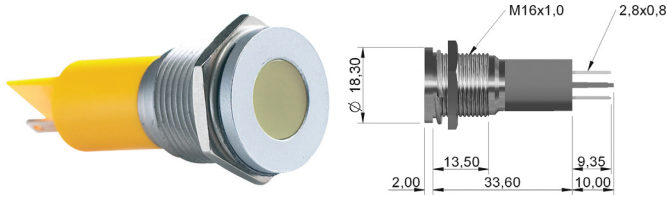


APEM switches now offers a NEW expanded range of panel mounting LED indicators. The range has seven different mounting hole sizes, three different bezel styles manufactured from high quality brass and ABS. Both bezel materials are available plated in bright chrome, black chrome, satin chrome and gold. 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.

## 16 mm Panel Mount LED Indicators



- ▶ 16 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

- ▶ 60° Viewing Angle
- ▶ Red/Yellow/Green Indicators Wired Common Cathode
- ▶ Red/Yellow/Green Indicators Generate Yellow When Both Colors Are Illuminated
- ▶ 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	70066188	Q16F1BXXB12E	13.47	70066246	Q16P1BXXB12E	13.47
Green	12 VDC	70066193	Q16F1BXXG12E	10.43	70066249	Q16P1BXXG12E	10.43
Red	12 VDC	70066199	Q16F1BXXR12E	10.43	70066252	Q16P1BXXR12E	10.43
White	12 VDC	70066205	Q16F1BXXW12E	14.53	70066255	Q16P1BXXW12E	14.53
Yellow	12 VDC	70066211	Q16F1BXXY12E	10.43	70066258	Q16P1BXXY12E	10.43
Red/Yellow/Green	12 VDC	—	—	—	70066260	Q16P1BZZRYG12E	11.76
Blue	12 VAC/VDC	70066187	Q16F1BXXB12AE	14.05	—	—	—
Green	12 VAC/VDC	70066198	Q16F1BXXG12AE	11.11	—	—	—
Red	12 VAC/VDC	70066204	Q16F1BXXR12AE	15.06	—	—	—
White	12 VAC/VDC	70066210	Q16F1BXXW12AE	11.11	—	—	—
Yellow	12 VAC/VDC	—	—	—	—	—	—
Blue	24 VDC	70066191	Q16F1BXXB24E	13.47	70066247	Q16P1BXXB24E	13.47
Green	24 VDC	70066196	Q16F1BXXG24E	10.43	70066250	Q16P1BXXG24E	10.43
Red	24 VDC	70066202	Q16F1BXXR24E	10.43	70066253	Q16P1BXXR24E	10.43
White	24 VDC	70066208	Q16F1BXXW24E	14.53	70066256	Q16P1BXXW24E	14.53
Yellow	24 VDC	70066214	Q16F1BXXY24E	10.43	70066259	Q16P1BXXY24E	10.43
Red/Yellow/Green	24 VDC	—	—	—	70066261	Q16P1BZZRYG24E	11.76
Blue	24 VAC/DC	70066190	Q16F1BXXB24AE	14.05	—	—	—
Green	24 VAC/DC	70066195	Q16F1BXXG24AE	11.11	—	—	—
Red	24 VAC/DC	70066207	Q16F1BXXR24AE	15.06	—	—	—
White	24 VAC/DC	70066213	Q16F1BXXW24AE	11.11	—	—	—
Yellow	24 VAC/DC	70066201	Q16F1BXXY24AE	11.11	—	—	—
Red	24 VAC/DC	—	—	—	—	—	—
Blue	110 VAC	70066186	Q16F1BXXB110E	15.46	70066245	Q16P1BXXB110E	15.46
Green	110 VAC	70066192	Q16F1BXXG110E	12.41	70066248	Q16P1BXXG110E	12.41
Red	110 VAC	70066197	Q16F1BXXR110E	12.41	70066251	Q16P1BXXR110E	12.41
White	110 VAC	70066203	Q16F1BXXW110E	16.51	70066254	Q16P1BXXW110E	16.51
Yellow	110 VAC	70066209	Q16F1BXXY110E	12.41	70066257	Q16P1BXXY110E	12.41
Blue	220 VAC	70066189	Q16F1BXXB220E	14.85	—	—	—
Green	220 VAC	70066194	Q16F1BXXG220E	11.92	—	—	—
Red	220 VAC	70066212	Q16F1BXXR220E	11.92	—	—	—
White	220 VAC	70066200	Q16F1BXXW220E	15.86	—	—	—
Yellow	220 VAC	70066206	Q16F1BXXY220E	—	—	—	—

### Bright Chrome Finish

Color	Voltage	Flush Bezel			Prominent Bezel		
		Stock No.	Mfr.'s Type	EACH	Stock No.	Mfr.'s Type	EACH
Blue	12 VDC	70066217	Q16F1CXXB12E	13.47	70066263	Q16P1CXXB12E	13.47
Green	12 VDC	70066223	Q16F1CXXG12E	10.43	70066266	Q16P1CXXG12E	10.43
Red	12 VDC	70066229	Q16F1CXXR12E	10.43	70066269	Q16P1CXXR12E	10.43
White	12 VDC	70066235	Q16F1CXXW12E	14.53	70066272	Q16P1CXXW12E	14.53
Yellow	12 VDC	70066241	Q16F1CXXY12E	10.43	70066275	Q16P1CXXY12E	10.43
Red/Yellow/Green	12 VDC	—	—	—	70066277	Q16P1CZZRYG12E	11.76
Blue	12 VAC/VDC	70066216	Q16F1CXXB12AE	14.05	—	—	—
Green	12 VAC/VDC	70066222	Q16F1CXXG12AE	11.11	—	—	—
Red	12 VAC/VDC	70066228	Q16F1CXXR12AE	11.11	—	—	—
White	12 VAC/VDC	70066234	Q16F1CXXW12AE	15.06	—	—	—
Yellow	12 VAC/VDC	70066240	Q16F1CXXY12AE	11.11	—	—	—
Blue	24 VDC	70066220	Q16F1CXXB24E	13.47	70066264	Q16P1CXXB24E	13.47
Green	24 VDC	70066226	Q16F1CXXG24E	10.43	70066267	Q16P1CXXG24E	10.43
Red	24 VDC	70066232	Q16F1CXXR24E	10.43	70066270	Q16P1CXXR24E	10.43
White	24 VDC	70066238	Q16F1CXXW24E	14.53	70066273	Q16P1CXXW24E	14.53
Yellow	24 VDC	70066244	Q16F1CXXY24E	10.43	70066276	Q16P1CXXY24E	10.43
Red/Yellow/Green	24 VDC	—	—	—	70066278	Q16P1CZZRYG24E	11.76
Blue	24 VAC/DC	70066219	Q16F1CXXB24AE	14.05	—	—	—
Green	24 VAC/DC	70066225	Q16F1CXXG24AE	11.11	—	—	—
Red	24 VAC/DC	70066231	Q16F1CXXR24AE	11.11	—	—	—
White	24 VAC/DC	70066237	Q16F1CXXW24AE	15.06	—	—	—
Yellow	24 VAC/DC	70066243	Q16F1CXXY24AE	11.11	—	—	—
Blue	110 VAC	70066215	Q16F1CXXB110E	15.46	70066262	Q16P1CXXB110E	15.46
Green	110 VAC	70066221	Q16F1CXXG110E	12.41	70066265	Q16P1CXXG110E	12.41
Red	110 VAC	70066227	Q16F1CXXR110E	12.41	70066268	Q16P1CXXR110E	12.41
White	110 VAC	70066233	Q16F1CXXW110E	16.51	70066271	Q16P1CXXW110E	16.51
Yellow	110 VAC	70066239	Q16F1CXXY110E	12.41	70066274	Q16P1CXXY110E	12.41
Blue	220 VAC	70066218	Q16F1CXXB220E	14.85	—	—	—
Green	220 VAC	70066224	Q16F1CXXG220E	11.92	—	—	—
Red	220 VAC	70066230	Q16F1CXXR220E	11.92	—	—	—
White	220 VAC	70066236	Q16F1CXXW220E	15.86	—	—	—
Yellow	220 VAC	70066242	Q16F1CXXY220E	11.92	—	—	—



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