

# Tokina

## 22X MOTORIZED ZOOM LENS

**TM22Z1328N** f = 13-280mm F/2.8 3-MOTORS

**TM22Z1328NPN** f = 13-280mm F/2.8 3-MOTORS with Preset(Zoom/Focus)

### SPECIFICATIONS

| MODEL No.                   | TM22Z1328N / TM22Z1328NPN |                                     |
|-----------------------------|---------------------------|-------------------------------------|
| IMAGE FORMAT                | 1/2 inch                  |                                     |
| MOUNT                       | C-Mount                   |                                     |
| FOCAL LENGTH                | 13 - 280mm                |                                     |
| APERTURE                    | F1 : 2.8                  |                                     |
| APERTURE RANGE              | F2.8 - Close              |                                     |
| ANGLE OF VIEW<br>( ) = 1/3" | DIAGONAL                  | W33.03° - T1.68° (W25.14° - T1.27°) |
|                             | HORIZONTAL                | W26.76° - T1.37° (W20.23° - T1.02°) |
|                             | VERTICAL                  | W20.23° - T1.02° (W15.24° - T0.77°) |
| M. O. D.                    | 1.8m                      |                                     |
| BACK FOCAL LENGTH           | 11.0mm                    |                                     |
| FILTER SIZE                 | M67mm P=0.75              |                                     |
| DIMENSIONS                  | W80.0 X H101.0 X L168.7mm |                                     |
| WEIGHT                      | 800g                      |                                     |
| OPERATING TEMPERATURE       | -10°C ~ 60°C              |                                     |

#### ■ IRIS/ZOOM/FOCUS Controls

|                     | IRIS             | ZOOM           | FOCUS          |
|---------------------|------------------|----------------|----------------|
| INPUT VOLTAGE       | DC+6 ~ +12V      | DC+6 ~ +12V    | DC+6 ~ +12V    |
| CURRENT CONSUMPTION | Max. 30mA        | Max. 60mA      | Max. 60mA      |
| MOTORIZATION SPEED  | Approx. 4.5 sec. | Approx. 4 sec. | Approx. 4 sec. |

### CABLE CONNECTIONS

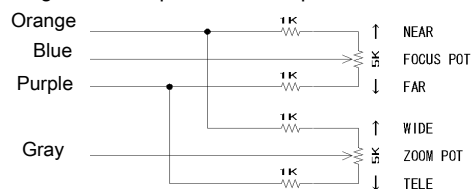
#### ■ IRIS/ZOOM/FOCUS

| CONTROL | CABLE COLOR | POLARITY | DIRECTION    |
|---------|-------------|----------|--------------|
| IRIS    | YELLOW      | + (-)    | Open (Close) |
|         | BROWN       | - (+)    |              |
| ZOOM    | GREEN       | + (-)    | Wide (Tele)  |
|         | WHITE       | - (+)    |              |
| FOCUS   | BLACK       | + (-)    | Inf. (Near)  |
|         | RED         | - (+)    |              |

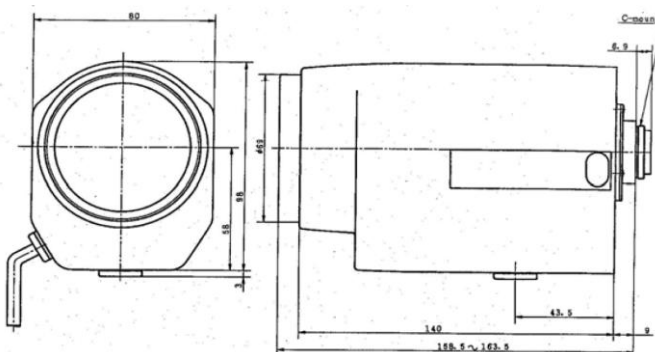
#### ■ POTENTIOMETER-PRESET (TM22Z1328NPN Only)

| CABLE COLOR | CONNECTION       |
|-------------|------------------|
| ORANGE      | Pot. Supply      |
| BLUE        | Focus Pot. Wiper |
| PURPLE      | Pot. Return      |
| GRAY        | Zoom Pot. Wiper  |

Wiring details for potentiometer-preset



### APPEARANCE



\*Design and specifications are subject to change without notice.