

# H10Z0812PDC

10X 8~80mm F1.2  
for 1/2" format cameras  
C-Mount

With Preset

Model No.	H10Z0812PDC		Effective	Front	φ 54.0mm
Focal Length	8~80mm		Lens Aperture	Rear	φ 14.0mm
Max. Aperture Ratio	1 : 1.2		Back Focal Length	15.3 mm	
Max. Image Format	6.4 x 4.8mm (φ 8mm)		Flange Back Length	17.526 mm	
Operation Range	Iris	F1.2 ~ 560	Mount	C-Mount	
	Focus	1.5m ~ Inf.	Filter Size	M62 P=0.75 mm	
	Zoom	8~80mm	Tripod Screw	1/4"-20UNC	
Control	Iris	DC Auto Iris(by galvanometer)	Dimensions	W70 x H79.5 x D123.5mm	
	Focus	Motorized, Preset	Weight	670g	
	Zoom	Motorized, Preset			
Object Dimension at M.O.D.	8 mm	124.8 x 92.5cm			
	80mm	17.6 x 14.4cm			
Angle of View	D	1/2"	54.3~5.8°	1/3"	41.3~4.4°
	H		44.0~4.7°		33.3~3.5°
	V		33.3~3.5°		25.0~2.6°
Control	Focus		Zoom		
Supply Voltage	DC8V		DC8V		
Current	45mA or less		50mA or less		
Response Time	Approx. 5.5 sec.		Approx. 5.5 sec.		
Preset Potentiometer	5KΩ VR		5KΩ VR		
Iris	Drive Coil	190Ω			
(DC Auto Iris)	Control Coil	1000Ω			
Operating Temperature	-10°C ~ +50°C				

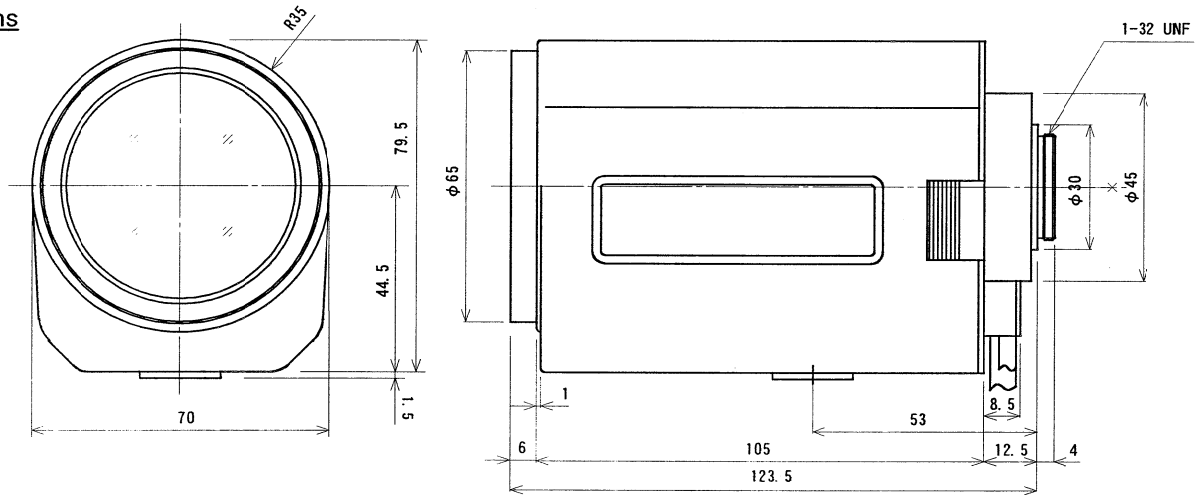
1/2

C

ZA

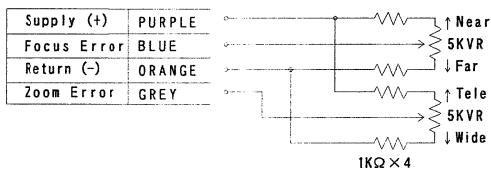
M.O.D. : Minimum Object Distance

Dimensions



Wiring Diagram

PRESET POTENTIOMETER



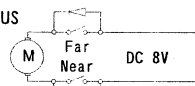
IRIS



Pin No.

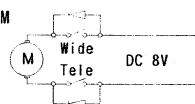
1	BROWN	Control (-)
2	RED	Control (+)
3	YELLOW	Drive (+)
4	ORANGE	Drive (-)

FOCUS



GREEN	Near	+	-
BLACK	-	-	+

ZOOM



YELLOW	Tele	+	-
RED	-	-	+

Remarks: Connect together with Black (Focus) and Red (Zoom) for common system when necessary.