

foto-captor

compact version

Design Options

Standard Housing



Cooling Jacket



Remote Electronics Unit

(see separate Datasheet)



Remote Lens

(see separate Datasheet)



Swivel Stand



Set-Point Temperature

1	?				
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Type code	1	2	3	4
Min. temperature response	270 °C 520 F	350 °C 662 F	450 °C 842 F	800 °C 1470 F

Optical Data

1		?			
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Type code	1	2	3	4	4	4	6	7	8
				V*/S* S100	V*/S* S102	V*/S*			
Viewing angle	1°	2°	7°	1° x 7°	1° x 15°	2° x 25°	25°	12°	1/2°
Scanned area in cm at 2m in inches at 6.5 ft. distance	4ø 1.5ø	8ø 3.2ø	28ø 11ø	4x28 1.5x11	4x60 1.5x24	8x100 3x40	100ø 40ø	FOC* FOC*	2ø 0.8ø

V* = vertical S* = horizontal FOC* = standard length 2m (6.5 ft.) see table FOC 12** usable angle

foto-captor Design

1			?		
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Type code	1	2	3	4	5	6	7	8
Test circuit					•	•	•	•
Cooling Jacket		•		•		•		•
Cable	•	•			•	•		
Socket			•	•			•	•

Electrical Data

1				?	?
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Type code	62	63	14	15	42	43	40	41
Voltage	AC		DC					
Output Type	Thyristor		Thyristor antivalent		Optocoupler		Relay	
	N.O.	N.C.	PNP N.O.	PNP N.C.	N.C.	N.O.	N.C.	N.O.
			PNP N.C.	PNP N.O.			N.O.	N.C.
Supply voltage	90-125V or 196-244V		20-27V		20-27V		20-27V	
Max. load current	200 mA		500 mA		30V / 50 mA Ri = 240		250 VAC / 30 VDC 2A resistive load	
Min. load current	20 mA		--		--		--	
Leakage current	5 mA		--		--		--	
Current consumption	--		15 mA		15 mA		15 mA	
Switching frequency	20 Hz		1,000 Hz		1,000 Hz		50 Hz	
Switching delay activation	1 ms		0.9 ms		0.5 ms		4 ms	
Switching delay release	10 ms		0.1 ms		0.1 ms		2 ms	
Trip point for overload, SCP	approx. 275 mA		approx. 600 mA		--		--	
Voltage drop	12 V		2 V		acc. to load current		--	

Test Circuit

Internal voltage supply	115V or 230V	24V	24V	24V
Current consumption	approx. 13 mA	30 mA	30 mA	30 mA