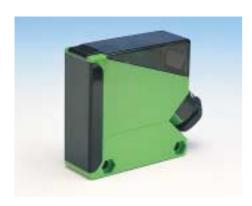
TAKEX

photoelectric sensors



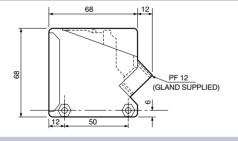
DLS SERIES INDUSTRIAL

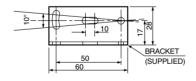
- · Background suppression by optical focusing
- Detects objects of any colour, material or shape against similar background
- Powerful beam for good operation even in dirty object, dirty lens conditions
- Relay or solid state output options
- Adjustable range: 0.2m to 1m DL-S100, 0.2m to 2m DL-S200, 150mm to 600mm - DL-7050
- IP66 Sealed

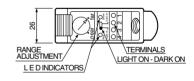
CE

TECHNICAL DATA									
Туре	DLS100P	DLS200P	DL705	60	DLS100TC	DLS200TC			
Detection			Convergent re	eflection		0.0.0			
Adjustable Range	0.2 - 1m	0.2 - 2m	150mm - 60	50mm - 600mm 0.2 - 1		0.2 - 2m			
Power Supply	24V - 240V A	C/DC ±10% 50/60HZ			12 - 24V DC±10%, 10	0% Max ripple			
Current Consumption	30mA (max) AC, 4W (max) DC			50mA N	/lax			
Output Rating	Relay (3A, 250VAC 750VA) NPN/PNP Open coll (3A, 30VDC 90W) (100mA, 30VDC W			A, 250VAC 750VA) NPN/PNP Open collector , 30VDC 90W) (100mA, 30VDC Max)					
Operating Mode	Light on - Dark			on - Dark on selectable					
Response Time	20ms (Max) 2ms light on				5ms light off				
Light Source			Infrared LED	D (880nm)					
Sensing Cell	Half dividing			,					
LED IND.	Output=red LED S			bility=gre	en LED				
Range		Adjustable Mechanically							
Protection		- Short Circuit							
Housing		Polycarbonate/Acrylic sealed to IP66							
Connection	Screw Terminals								
Ambient Light	10,000 Lux (Max)								
Operating Temp			-25°C To +	-55°C					

DIMENSIONS







ELECTRICAL CONNECTIONS

Relay Output Types **DL - S100P**

DL - S200P

DL-7050

24 -240V AC/DC

PNP/NPN Output Types **DL - S100TC**

DL - S200TC



NOTE: Do not use a mirror or reflector as a background

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Type Number DLS100P	Description Convergent Reflection	Range 0.2 - 1M	Output Relay	Type Number DLS100TC	Description Convergent Reflection	Range 0.2 - 1M	Output PNP/NPN
DLS200P	-	0.2 - 2M	Relay	DLS200TC	-	0.2 - 2M	PNP/NPN
DL7050	-	150 - 600mm	Relay	BG11553X	Connector adaptor M12*		