

S60 Series Contrast and Luminescence Sensors

Farnell Codes : 4101194 - 1273

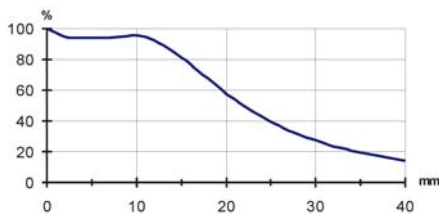


Body H=50mm, W=5mm, D=50mm;
Cable L=2M

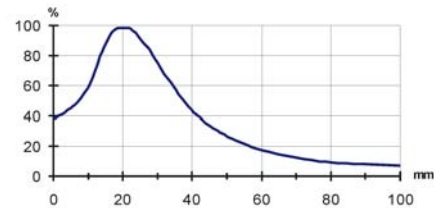
- Microprocessor teach-in system (with lockout facility)
- Circular LED emission or switching frequency 5KHz 'W' version, 2 KHz, 'U' version
- Selectable 20ms pulse stretcher
- LED indication of output & teach status
- Transistor output PNP/NPN
- Dark/light programmable
- Remote teach function (through cable)
- 50mm x 50mm housing with min IP67 protection

Power supply: 10-30V dc, reverse polarity protected
Setting: Push buttons (mark/background)
Output current: ≤ 100 mA with short circuit protection
Connection: M12 orientable connector or integral 2M cable
Operation temperature: -25 to +55°C

Luminescence Sensor



Contrast Sensor



	Contrast Version (W)	UV Version (U)
Operating distance	19mm	0-40mm
Light emission	White LED 400-700nm	UV LED 370nm
Spot dimension (approx)	3.5mm at 19mm away	1.5mm at 10mm
Response time	$\leq 100 \mu\text{s}$	$\leq 250 \mu\text{s}$
Depth of field	$\pm 2\text{mm}$	N/A

