



Reflex Sensor Energetic TM55PA2

URL:<https://www.sxplc.com/reflex-sensor-energetic-tm55pa2>

Product data sheet

| Optical Data | |
|---|----------------|
| Range | 500 mm |
| Switching Hysteresis | < 15 % |
| Light Source | Infrared Light |
| Wavelength | 850 nm |
| Service Life (T = +25 °C) | 100,000 h |
| Max. Ambient Light | 10,000 Lux |
| Opening Angle | 12 ° |
| Electrical Data | |
| Supply Voltage | 10 ... 30 V DC |
| Current Consumption (U _b = 24 V) | < 40 mA |
| Switching Frequency | 1 kHz |
| Response Time | 500 μs |
| Temperature Drift | < 10 % |
| Temperature Range | -25 ... 60 °C |
| Switching Output Voltage Drop | < 2.5 V |
| PNP Switching Output/Switching Current | 200 mA |
| Residual Current Switching Output | < 50 μA |
| Short Circuit Protection | yes |
| Reverse Polarity Protection | yes |
| Overload Protection | yes |
| Protection Class | III |

