



Fotoprzełączniki Z4, Fotoprzełącznik odbiciowy, energetyczny

ZT4-P5215S01

Nazwa modelu > **ZT4-P5215S01**

Numer części > **1044281**

At a glance

- Optical and electronical elements can be integrated into specific housings
- The Z1 and Z2 models come with integrated M18 threads. The Z3 model, or the "Eyeball", can be aligned in any direction, just like the human eye 18 mm front and flange mounting possibility
- The eyeball-shaped housing allows for infinite adjustability and the indicator LED to be seen from 360° around the device.
- Compact, transparent housing
- Proximity sensors with 3 different sensing ranges and retro-reflective sensors are available

Your benefits

- Customer-specific housing modifications
- Simple and unique mounting options lower installation costs
- Compatibility with competitor products for easy integration into existing systems
- Low-cost sensor for standard applications with small sensing distances
- Small size fits applications with limited space
- High performance at a low cost



Cechy

Zasada działania czujnika/Sposób detekcji:	Fotoprzełącznik odbiciowy, energetyczny
Housing design (light emission):	Hybrid
Maks. strefa działania::	2 mm ... 150 mm ¹⁾ 2) 3 mm ... 100 mm
Sensing range:	2 mm ... 150 mm 3 mm ... 100 mm
Rodzaj światła:	Światło podczerwone
Nadajnik światła:	LED ³⁾
Light spot (distance):	18 mm (80 mm)
Długość fali:	880 nm

¹⁾ Obiekt odbijający 90% światła (standardowy biały zgodnie z normą DIN 5033) ²⁾ Object with 18 % reflectance ³⁾ Average service life 100,000 h at Ta = +25 °C

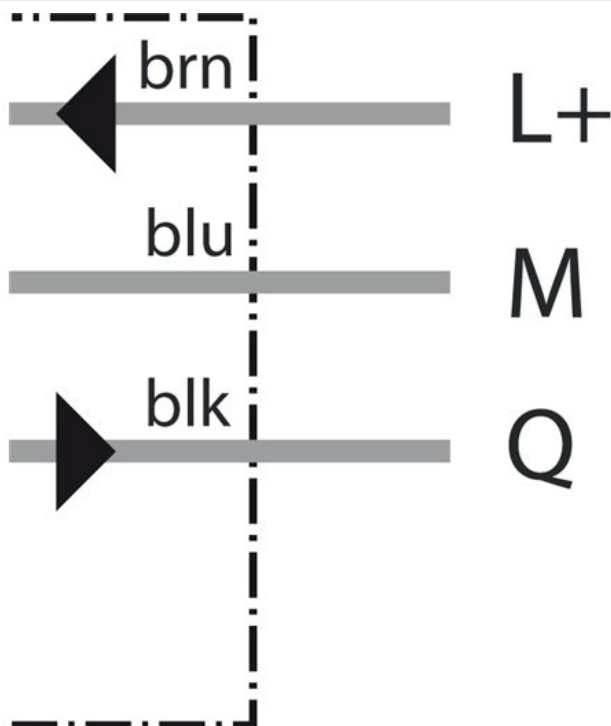
Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 30 V DC ¹⁾
Tętnienia resztkowe:	< 5 Vss ²⁾
Pobór prądu:	< 20 mA ³⁾
Switching output:	PNP, Light-switching

Output current I _{max} ::	50 mA
Switching frequency:	200 Hz ⁴⁾
Sposób przyłączenia::	Cable, 3-wire, 2 m ⁵⁾ ⁶⁾
Cable diameter:	2,3 mm
Układ zabezpieczenia:::	A C ⁷⁾ ⁸⁾ ⁹⁾ D ¹⁰⁾
Klasa ochronności:	II
Special device:	✓
Rodzaj zabezpieczenia:	IP 65
Funkcje specjalne:	snap housing
Ambient operating temperature:	-20 °C ... 50 °C
Ambient storage temperature:	-40 °C ... 75 °C

¹⁾ Limit values ²⁾ May not exceed or fall short of V_S ³⁾ Without load ⁴⁾ With light/dark ratio 1:1 ⁵⁾ Do not bend below 0 °C ⁶⁾ Open wires ⁷⁾ A = VS connections
 reverse-polarity protected ⁸⁾ C = interference suppression ⁹⁾ D = outputs overcurrent and short-circuit protected ¹⁰⁾ Reference voltage 50 V DC

Schemat połączenia



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