

Datasheet

2 mm LED Fork Cable PNP Through Beam Photoelectric Sensor, IP67

RS Stock number 377-8419



Specification

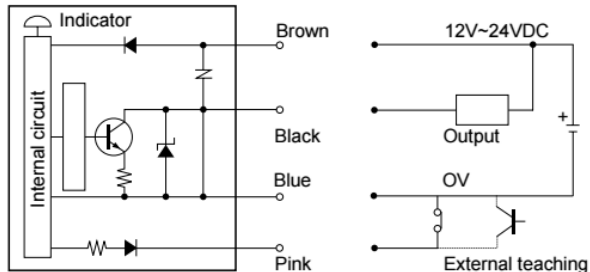
- Touch to teach setting
- External teach function
- Wide detection range of colours and materials
- Red Blue and Green visible light source available
- Light-on/Dark-on operation selectable
- Protected to IP67

ELECTRICAL SPECIFICATIONS

Models	MA-U2R	MA-U2G	MA-U2B
Detection method		Through-beam (U shape type)	
Range		2mm Fixed	
Power supply		12-24VDC ± 10%, Ripple ± 10% (Max.)	
Current consumption		35mA	
Output mode		NPN Open collector output 100mA, (30VDC) Max.	
Operating mode		Light-on/dark-on selectable	
External teaching		None voltage input (Contact or None-contact)	
Response time		0.7ms Max.	
Light source	Red LED (660nm)	Green LED (570nm)	Blue LED (450nm)
Indicators		Light indicator: Orange LED Stability indicator: Green LED	
Material		Case: Heat-proof ABS, Lens: Glass	
Wiring		Flying lead 3m	
Weight		120g (Max.)	
Ambient light		5,000 lux or less	
Operating temp.		-25°C to +55°C	
Humidity		35 to 85% RH	
Case protection		IP67	
Vibration		10Hz-55Hz in 3 directions, 1.5mm amplitude	

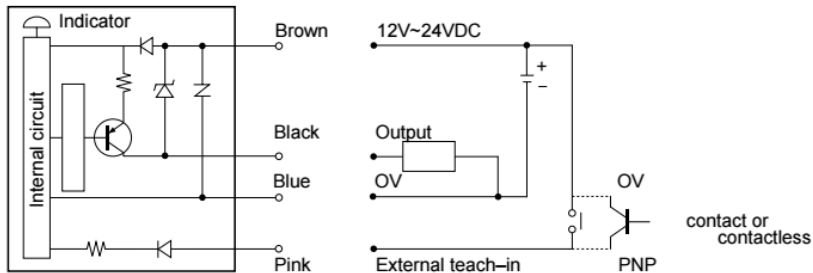
WIRING

NPN



Upon overload or short circuiting, the output transistor turns off.
Power up again after removing the cause of the overload/short circuit.

PNP



DIMENSIONS

