

# SPOT LIGHT series



## INDUSTRIAL LED SPOT LIGHT OPTIMIZED FOR MACHINE VISION ILLUMINATION

### Spot light features

- 1-5 Watt low power LED
- Wide power range 5-30VDC
- Continuous operation or Strobe mode
- Opto-isolated PNP a NPN control input
- M8 Industrial connector - Quick Disconnect
- Different colors and beam angles selection
- Include mounting bracket



### Parameters

|                 |   |
|-----------------|---|
| Power           | 5 – 30VDC , typ. 170mA @ 6V, 50mA @ 20V.  |
| Continuous Mode | White & Brown VDC, Black & Blue GND.  |
| Strobe Mode     | PNP Input to White (sinking current). Black must be connected to GND.<br>NPN Input on Black (sourcing current). White must be connected to VDC.<br>(PNP, NPN potential min. 5VDC, pulse min. 3us to light on LED) |
| Light color     | RED 625nm, (optional WHITE, GREEN, BLUE).   |
| Size            | Length 100mm, diameter 38mm and 30mm.   |
| Lighting angle  | Narrow, 9.5 degrees.  |

### Wiring

|  |  |
|--|--|
| <p><b>4-polig M8</b><br/><b>4 poles M8</b></p>  <p>1 = braun / brown<br/>2 = weiß / white<br/>3 = blau / blue<br/>4 = schwarz / black</p> | <p>Standard M8 cable color code:</p> <ol style="list-style-type: none"> <li>1. 24VDC - BROWN</li> <li>2. P(+) control - WHITE</li> <li>3. GND - BLUE</li> <li>4. N(-) control - BLACK</li> </ol> |
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