

Cables   Basler Cables   Power and I/O Cables

# Basler Power-I/O Cable, M8 6p/open, P

Power-I/O cable with M8 6-pin connector and open end.



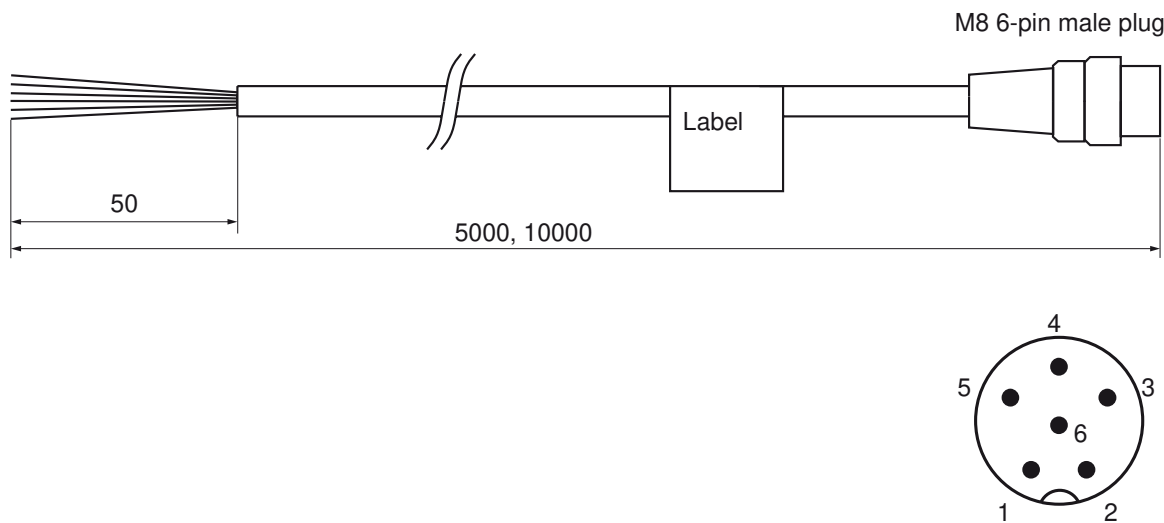
## Info

The cable is suitable for the following camera models:

- ace 2 GigE
- ace 2 USB (I/O only)
- boost

Order Number	Cable Length
2200000315	5 m
2200000296	10 m

## Cable Drawing



Wiring Information

Pin Number	Wire Color	Function
1	Brown	AUX power (not for ace 2 USB)
2	White	Opto-coupled I/O input, Line 1
3	Blue	Ground for opto-coupled I/O
4	Black	GPIO I/O, Line 2
5	Gray	GPIO I/O, Line 3
6	Pink	Ground for AUX power and GPIO

Shielding Installation

Component	Form	Function
Shell	Braid	Shield

## Physical Specifications

Camera-side Connector	M8 6-pin, male plug, A standard coding
Host-side Connector	None, open end
Cable Cross-section	6 × AWG 24 (6 × near 0.2 mm <sup>2</sup> )
Cable Diameter	5.5 mm
Wire Insulation Cable Shielding	PVC Tinned braided copper, min. 80 % coverage
Outer Jacket	PUR, black, halogen-free
Minimum Bending Radius	55 mm
Suitable for Drag Chain Applications	No
Suitable for Robotics Applications	No

## Electrical Specifications

Maximum Operating Voltage	30 VDC AC/DC
Maximum Rated Current	1 A
Wire Resistance	Power-I/O cable M8 6-pin open, 5 m: 0.5 Ω Power-I/O cable M8 6-pin open, 10 m: 1 Ω

## Environmental Specifications



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Operating Temperature Range	-25–80 °C, not moving
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## Plug Specifications

Contact Plating	Ni/Au
Protection Rating	IP67 in locked position

## General Information

Conformity	CE (includes RoHS), REACH <a href="#">Certificates for your cable</a>  For more information, see the <a href="#">Compliance</a>  section of the Basler website.
Warranty	3 years

Read the topic about your camera model before connecting the cable to the camera. You can find your camera topic in the [Area Scan Cameras](#) section under "Models".

The installation is explained in the [Hardware Installation \(CXP-12 Cameras\)](#) topic.

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