CBGPIO12PY6P-3M | DATASHEET

OPTO ENGINEERING

I/O cable, side 1 HIROSE 12 pin, side 2 HIROSE 6 pin, side 3 cable end, 3m+0.3m



Opto Engineering® provides various kinds of cables to match our offer of illuminators, optics, cameras and accessories.
All the cables we offer meet industrial standards of robustness and durability.

SPECIFICATIONS

Electrical specifications

Type		I/O
Number of poles		7
Conductor cross section	(AWG)	26
Cable diameter	(mm)	4.9
Cable length	(m)	3
Cable insultation material		PVC
Shield		Yes
Bending cycles	(cycles)	-
Minimum bending radius	(mm)	30
Side 1		1x circular Hirose - 12pin - female, 1x circular Hirose - 6pin - female
Side 2		Flying leads
Other		Y-shape cable
Voltage rating	(VDC)	24
Current rating	(A)	2

Environment

IP rating		IP20
Operating temperature	(°C)	-10-+80

COMPATIBLE PRODUCTS

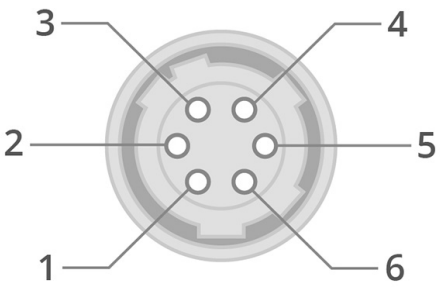
Full list of compatible products available *here*.



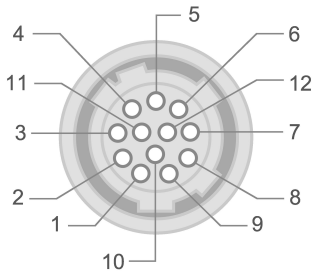
A wide selection of innovative machine vision components.

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only.
Data are reported by design, actual lens performance may vary due to manufacturing tolerances.

CONNECTOR PINOUT



Hirose 6 pin - Cable side



Hirose 12 Pin - Cable side

Hirose 12 Pin	Hirose 6 Pin	Cable color
1	**3**	Red
2	-	Yellow
3	**2**	-
4	-	Black
5	**1**	-
6	-	Blue
7	-	Brown
8	**5**	-
9	**6**	-
10	-	Violet
11	-	Green
12	**4**	-



***CAUTION**: when using the **Y-cable** be sure to **first connect the camera**, then the lens and finally the power supply. Never hot-swap the camera connector while the lens and/or the power supply are connected. Failing to do so may result in damaging the liquid lens integrated EEPROM.*

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