Multi headed cable Type C4

Split cable for illumination

Article number: 11207777

overview

- Split cable M12/12-pin female connector to 1x M8/3-pin male connector (to power the camera, I/Os and illuminations; enable hardware trigger via input) and 4x M8/3-pin female connectors for four illuminations
- The I/O voltage is distributed to the illuminations through the camera as a normal trigger signal using the cameras power output.
- Protection class IP65/IP67
- Length: 40 cm (M12/12-pin cable 20 cm, M8 cables 20 cm)

technical data

electrical data

number of poles	12
connectors	M12/12-pin female connector M8/3-pin male connector 4x M8/3-pin female connector

mechanical data

mounting	hole spacing 49 mm
dimensions	distribution part 67.5 mm x 65 mm x 20 mm
bending radius static	85 mm (cable with M12/12-pin female connector) 44 mm (cable with M8/3-pin male connector) 44 mm (cable with M8/3-pin female connector)
bending radius moved installation	42,5 mm (cable with M12/12-pin female connector) 22 mm (cable with M8/3-pin male connector) 22 mm (cable with M8/3-pin female connector)

bending cycles	M12: 2.000.000 M8: 10.000.000
use in cable carriers	yes
cable length [m]	1,0 m
conductor cross-section	12 × 0,14mm² 3 × 0,25mm²
weight	≤ 60 g
material	TPU PUR, halogen-free

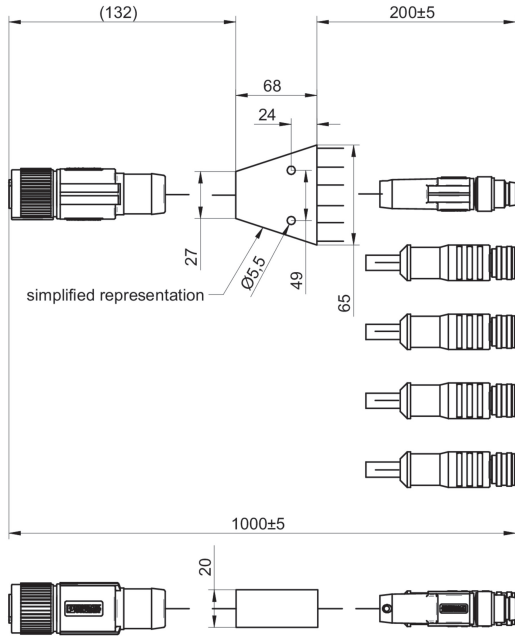### environmental conditions

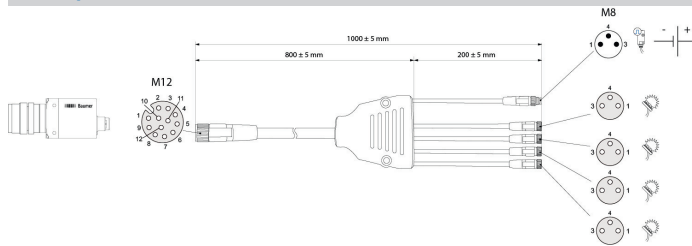|	
operation temperature (moved installation)	-5 … +75 °C
operating temperature	-25 … +75 °C
protection class	IP 65/67 (mounted)

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dimension drawing

simplified representation

Principle

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pin assignment

M12/12-pin female connector

Pin	Signal
1)	Power 12 – 24 V
2)	GND_Power
3)	IN 1 (Line0)
4)	Out 1 (Line4)
5)	IN 2 (Line1)
6)	Out 2 (Line5)
7)	Out 3 (Line6)
8)	IN 3 (Line2)
9)	Out 4 (Line7)
10)	IN 4 (Line3)
11)	IO GND
12)	IO Power

M8/3-pin male connector

Pin	Signal
1	Power 12 – 24 V
3	GND
4	nc

M8/3-pin female connector

1 Power
3 GND
4 Out 1 (Line4)

M8/3-pin female connector

1 Power
3 GND
4 Out 2 (Line5)

M8/3-pin female connector

1 Power
3 GND
4 Out 3 (Line6)

M8/3-pin female connector

1 Power
3 GND
4 Out 4 (Line7)