Multi headed cable Type B4

Split cable for illumination

Article number: 11207776

overview

- Split cable M12/12-pin female connector to 1x M8/3-pin male connector (to power the camera and I/Os, enable hardware trigger via input) and 4x M8/3-pin female connectors for four illuminations
- The I/O voltage is directly distributed to the illuminations.
- Protection class IP65/IP67
- Length 100 cm (M12/12-pin cable 20 cm, M8 cables 80 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)

mechanical data

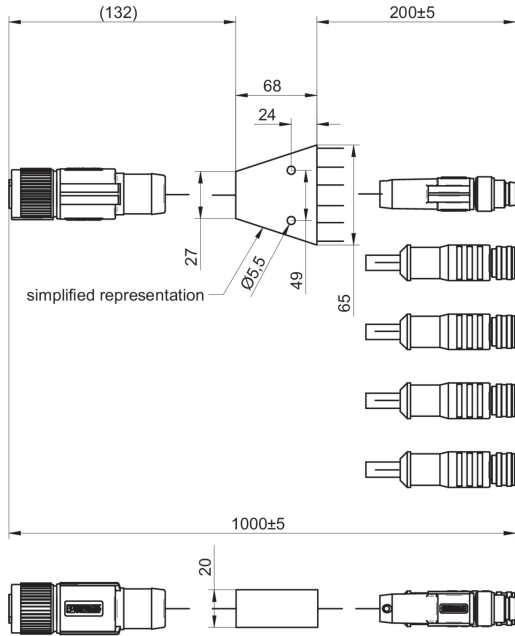|	
bending cycles	M12: 2.000.000 M8: 10.000.000
use in cable carriers	yes
cable length [m]	1,0 m
conductor cross-section	12 × 0,14mm² 3 × 0,25mm²
material	TPU PUR, halogen-free

environmental conditions

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

dimension drawing

simplified representation

Principle
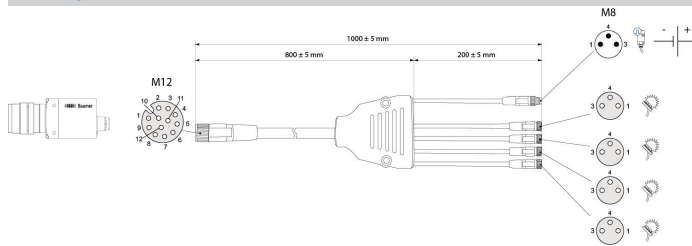
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pin assignment

M12/12-pin female connector

M8/3-pin male connector

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

Shield

Power 12 – 24 V   1
GND   3
IN 1 (Line0)   4

Out 1 (Line4)   1   GND   3   nc   4
Out 2 (Line5)   1   GND   3   nc   4
Out 3 (Line6)   1   GND   3   nc   4
Out 4 (Line7)   1   GND   3   nc   4

M8/3-pin female connector
M8/3-pin female connector
M8/3-pin female connector
M8/3-pin female connector