



Environmental conditions

Ambient temperature	-25...80 °C
EN 60068-2-27, Shock	100 g, 6 ms
EN 60068-2-6, Vibration	10...60 Hz, constant amplitude 2 mm 61...500 Hz, constant acceleration 15 g

Material

Housing material	PBT
Material contact carrier	PA 6.6
Material contacts	Brass

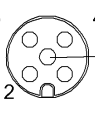
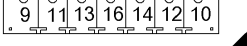
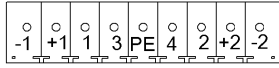
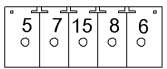
Mechanical data

Casting	yes
Mounting part	M4 (4x)
Tightening torque	1.2 Nm \pm 0.2 (M4)
Tightening torque pigtail	0.6 Nm + 0.1 Nm (M12 connector)

Current consumption per LED	4 mA
Galvanic isolation	+24 V and 0 V for left side (Slots 1, 3) and right side (Slots 2, 4) by means of cable bridge
Isolation resistance	≥ 10 GOhm
Operating voltage U _b	18...30 VDC
Output current max.	4 A
Rated operating voltage U _e DC	24 V
Total current max.	8 A (for 2x feed) 8 A (for 1x feed)
Withstand voltage	800 V

Connector Drawings

Anschlussstabelle / terminal diagram

Klemme Nr. Termina No.	M12 Buchse / M12 Socket Steckplatz/Kontakt / Slot/contact	Kontaktbelegung / Contactassignment
1	1 / 4	<p>Buchse / Socket M12</p> <p>(-) 3 4 (NO/1.Signal) 5 (PE)</p> <p>(NC/2.Signal) 2 1 (+)</p>  <p>Klemmen / terminals</p> <p>BR1 9 11 13 16 14 12 10 BR2</p>  <p>-1 +1 1 3 PE 4 2 +2 -2</p>  <p>5 7 15 8 6</p> 
9	1 / 2	
2	2 / 4	
10	2 / 2	
3	3 / 4	
11	3 / 2	
4	4 / 4	
12	4 / 2	
5	5 / 4	
13	5 / 2	
6	6 / 4	
14	6 / 2	
7	7 / 4	
15	7 / 2	
8	8 / 4	
16	8 / 2	
+1	1, 3, 5, 7 / 1 (+)	
+2	2, 4, 6, 8 / 1 (+)	
-1	1, 3, 5, 7 / 3 (-)	
-2	2, 4, 6, 8 / 3 (-)	
PE	1-8 / 5 (PE)	

Wiring Diagrams

