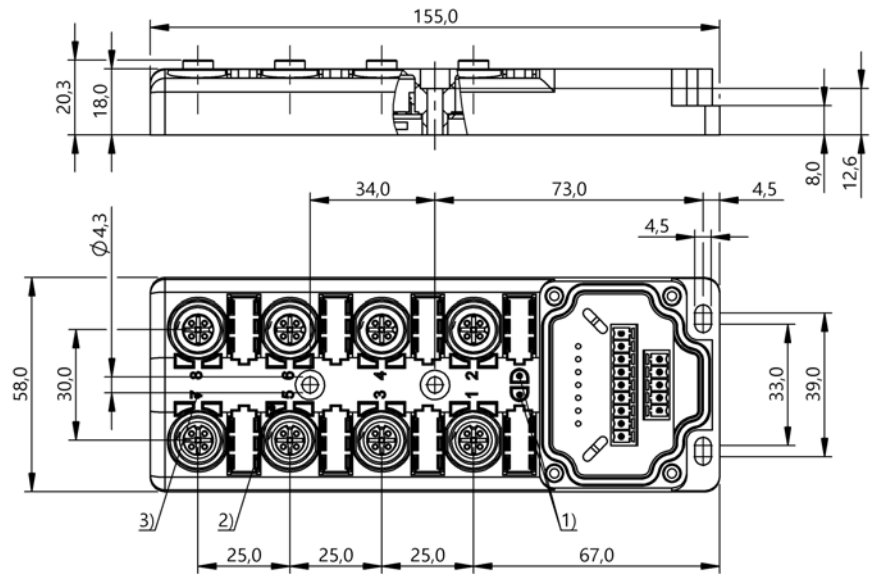




1) Power ind. green potential, 2) LED ye for S1 on PIN 4, 3) Slot numbering



Basic features

Approval/Conformity	CE UKCA WEEE
Not incl. in scope of delivery	M4 fastening screw
Scope of delivery	Part labels (24x) Cover cap (4x)

Display/Operation

Power indicator	LED green (2x)
Switching function display	Yellow LED (8x)

Electrical connection

Connection slots	8x M12x1-Female, 4-pin
------------------	------------------------

Electrical data

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 1x feed) 16 A (for 2x feed)
Withstand voltage	800 V

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 ±0.2 (M4)
Tightening torque pigtail	0.6 Nm + 0.1 Nm (M12 connector)

Anschlussstabelle / terminal diagram

Klemme Nr. Terminal No.	M12 Buchse / M12 Socket Steckplatz/Kontakt / Slot/contact	Kontaktbelegung / Contactassignment
1	1 / 4	Buchse / Socket M12 (-) 3 4 (NO/1.Signal) 5 (PE) (NC/2.Signal) 2 1 (+)
2	2 / 4	
3	3 / 4	
4	4 / 4	
5	5 / 4	
6	6 / 4	
7	7 / 4	
8	8 / 4	
		Klemmen / terminals BR1 -1 +1 1 3 PE 4 2 +2 -2 5 7 15 8 6
+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)	

Grundgehäuse / Base housing