

- PROFIBUS
- Digital mixed functions



**General attributes**

Approvals / Conformity	CE
Device description file	BAL_0B97
Enclosure Type per IEC 60529	IP67 (when connected)
Indicator actuators supply UA	Yes, LED green
Indicator sensors supply US	Yes, LED green
Indicator switching function	Yes, LED yellow
Mounting instruction	See short guide
Scope of delivery	20x labels Short guide Screw M4x6 4x plugs M12 Circlip Ground strap
Transmission protocol	PROFIBUS DP per EN 50170

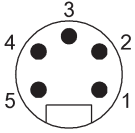
**Electrical attributes**

Address range	0-125
Bus system	PROFIBUS
Configurable in-/outputs	Yes
Current sum US (Sensor)	9.0 A
Eff. operating voltage Ue DC	24 V
Inputs	PNP, Type 2

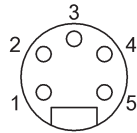
Number of inputs	16
Number of outputs 2A	16
Operating voltage UB max. DC [V]	30.2 V
Operating voltage UB min. DC [V]	18 V
Switching output	PNP
Transfer rate max.	12 Mbit/s
Transfer rate min.	9.6 kBit/s

**Mechanical attributes**

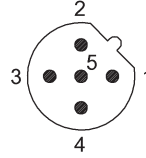
Ambient temperature Ta max.	70 °C
Ambient temperature Ta min.	-5 °C
Height	37.9 mm
Housing material	GD-ZnAl4Cu1 (die-cast zinc)
Housing shield	Yes
Length	224.0 mm
Mounting ground strap	M4
Mounting type	2-hole screw mounting
Number of plug-in positions	8
Storage temperature max.	75 °C
Storage temperature min.	-25 °C
Style	Two-row
Surface protection	Cu 15 µ / Ni 15 µ
Width	68.0 mm



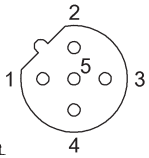
PIN 1: 0V  
PIN 2: 0V  
PIN 3: Function ground  
PIN 4: Sensor and bus supply.  
PIN 5: Actuator supply  
Power In



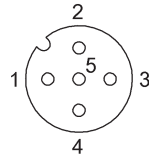
PIN 1: 0V  
PIN 2: 0V  
PIN 3: Function ground  
PIN 4: Sensor and bus supply.  
PIN 5: Actuator supply  
Power Out



PIN 1: Supply voltage +  
PIN 2: A-Line  
PIN 3: DGND  
PIN 4: B-Line  
PIN 5: Shield



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PIN 1: Supply voltage +  
PIN 2: A-Line  
PIN 3: DGND  
PIN 4: B-Line  
PIN 5: Shield



I/O Ports  
PIN 1: +24V, 0.2A  
PIN 2: In-/output 2A  
PIN 3: 0V  
PIN 4: In-/output 2A  
PIN 5: Function ground