

- PROFIBUS
- Intelligent functions



General attributes

Approvals / Conformity	CE CSA
Device description file	BAL_0C67
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

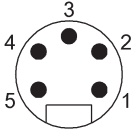
Electrical attributes

Address range	0-126
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

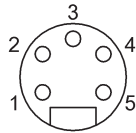
Number of auxiliary interfaces	4x IO-Link
Number of inputs	16
Number of outputs 2A	16
Operating voltage UB max. DC [V]	30.2 V
Operating voltage UB min. DC [V]	18 V
Switching output	PNP
Transfer rate max.	12 Mbit/s
Transfer rate min.	9.6 kBit/s

Mechanical attributes

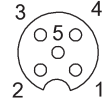
Ambient temperature Ta max.	70 °C
Ambient temperature Ta min.	-5 °C
Height	37.9 mm
Housing material	GD-ZnAl4Cu1 (die-cast zinc)
Housing shield	Yes
Length	224.0 mm
Mounting ground strap	M4
Mounting type	2-hole screw mounting
Number of plug-in positions	8
Storage temperature max.	70 °C
Storage temperature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



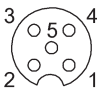
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power In



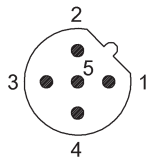
PIN 1: 0V
PIN 2: 0V
PIN 3: Function ground
PIN 4: Sensor and bus supply.
PIN 5: Actuator supply
Power Out



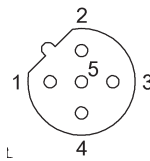
I/O Ports
PIN 1: +24V, 0.2A
PIN 2: In-/output/Diagnostics
PIN 3: 0V
PIN 4: In-/output
PIN 5: Function ground



IO -Link
PIN 1: +24V, 1.6A
PIN 2: In-/output/Diagnostics
PIN 3: 0V
PIN 4: IO-Link/In-/output
PIN 5: n.c.



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



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