

Cube67 BN-P Hybrid Part No. 56531
 Profibus Slave IP67



EMC

EN 61000-4-3 RF-Field & GSM	: 10 V/m
EN 61000-4-4 Burst	: ± 2 kV
EN 61000-4-5 Surge	: asym./symm. ± 500 V (DC input) asym. ± 1 kV (Signal connections)
EN 61000-4-6 HF-asymmetric	: 10 V
EN 61000-4-8 Magnetic field 50 Hz	: 30 A/m
EN 61000-6-3 Emission	: QP 30 dBµV/m (30 - 230 MHz) QP 37 dBµV/m (230 - 1000 MHz) (class A)

Ambient conditions

Operating temperature	: 0 ... +55 °C
Storage temperature	: -25 ... +70 °C
Enclosure type according to IEC 60529	: IP67

Please note:

The Cube67 field bus system is very robust and due to the high protection class IP67 it is protected from dust, dirt, and most liquids without an additional housing. Cube 67 is specially designed for harsh industrial applications directly in machines and systems. The field bus system is not suitable for outdoor use, continuous operation in liquids or high pressure wash downs.

Mechanical ambient conditions

Vibration, sinusoidal EN 60068-2-6	: 15 g
Shock, halfsinusoidal EN 60068-2-27	: Amplitude 50 g, 11 ms duration

Connection possibilities

Supply / Data cable	: Han-Brid / CU
Internal system connection	: 4 x 6-pin M12 plug connector

Miscellaneous

Dimensions (L x W x H) in mm	: 151 x 50 x 50,3 mm
Mounting dimension in mm	: 125 mm
Weight	: approx. 450 g

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				a	27.09.04	Eb			
				c	10.10.12	hi			
				Ges					
c	Note eingefügt	10.10.12	sb	MURR ELEKTRONIK			Art.-No. 56531		Blatt
b	Current consumption	19.01.05	M.H.						1
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Bus data


Transfer protocol : Profibus-DP acc. to DIN 19245
 Transfer rates : 9.6/19.2/45.45/93.75/187.5/500/
 1500/3000/6000/12000 kBaud
 Baudrate recognition : automatic
 Modes : Sync mode, Freeze mode are supported
 Addressing : 0 to 99 with BCD rotary switch
 Ident. number : 064D hex

Power supply

Operation voltage U_B and Sensor power supply 24VIN : 24 V DC (must always be connected)
 Actuator power supply 24V : 24 V DC
 Current per contact : max. 9 A
 Operation voltage range : 18 ... 30 V DC
 Current consumption : ca. 80 mA
 Sensor supply : 24 V DC (not switchable)
 Operating voltage range sensor supply : 18 ... 30 V DC
 Actuator supply : 24 V DC (switchable)
 Operating voltage range actuator supply : 18 ... 30 V DC
 Reverse voltage protection modul electronics : yes
 Reverse voltage protection sensor supply : no
 Reverse voltage protection actuator supply : no
 Overvoltage protection : yes (suppressor diode)

International system connection

Rated current sensor supply : 4 A for each module plug-in location
 Rated current actuator supply : 4 A for each module plug-in location
 Overload/short-circuit : electronic short-circuit recognition
 time of liberation < 10 ms

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