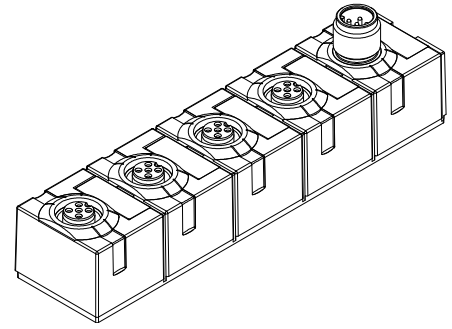


Cube67 DI8 C 4xM12 Art. No.: 56612

Cube Slave IP67

[M12 socket, contact 4] → 4 inputs

[M12 socket, contact 2] → 4 diagnosis or 4 function inputs



EMC

EN 61131-2 Product standard

EN 61000-4-2 ESD	: Contact ± 4 kV, air ± 8 kV
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 55011 Emission	: QP 30 dBµV/m (30 - 230 MHz) QP 37 dBµV/m (230 - 1000 MHz) (class B)

Ambient conditions

Operating temperature	: 0 °C ... +55 °C
Storage temperature	: -25 °C ... +70 °C
Enclosure type according to EN 60529	: IP67
Permissible air pressure (operation)	: 70 kPa to 106 kPa (up to 3000 m above sea level)
Permissible air pressure (storage/transport)	: 70 kPa to 106 kPa (up to 3000 m above sea level)

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

Oscillation according to EN 60068 Part 2-6	: 10 – 58 Hz; const. amplitude 0.35 mm 58 – 150 Hz; const. acceleration 15 g
Shock according to EN 60068 Part 2-27	: Amplitude 50 g, 11 ms duration

Connection possibilities


Internal system connection In	: M12 male plug connector 6-pin
Sensor	: 4 x M12 female connector 5-pin

Miscellaneous

Dimensions (L x W x H) in mm	: 126 x 30 x 34,5 mm
Mounting dimension in mm	: 75± 0.5 mm
Weight	: Approx. 130 g

Bus data

Transfer protocol	: internal System
Transfer rates	: 1 MBaud
Addressing	: automatic

				Idx	Datum	Gepr.	Data sheet	
g	ATEX entfällt	22-06-15	el	a	10.04.03	RBa	Cube67 DI8 C 4xM12	
f	Luftdruckangabe hinzu	25.09.12	sb	g	22-06-15	el		
e	Neuer ATEX	07.06.10	as	Ges				
d	ATEX + Norm	09.03.06	M.H.					
c	EN 50178 entfällt	05.11.04	as				Art.-No. 56612	Blatt
b	Eur.Norm	27.05.04	as				1	
Idx.	Änderung	Datum	Nam				2 Bl.	
a	Erstausgabe	10.04.03	RBa	56612_db_e_g.doc				

