

# Product data sheet

## Characteristics

# ABE9C1280L10

IP67 passive splitter box - cable 10 m - with 8 channels M12 connector



### Main

Range of product	Advantys ABE9
Product or component type	IP67 passive splitter box
Number of channels	8
Electrical connection	1 pre-wired cable connector, 10 m cable length 8 female connectors M12 5 pins
Status LED	Without

### Complementary

Number of ways	16 ways
[Ue] rated operational voltage	24 V DC
Current per channel	4 A
Insulation group	Category 3 conforming to VDE 0110
Operating position	Any position
Fixing mode	M4 screw fixing
Contact resistance	5000 µOhm
Current of common	16 A 1 mm <sup>2</sup> 12 A 0.75 mm <sup>2</sup>
Separation of commons	Without or with
Net weight	3.06 kg

### Environment

IP degree of protection	IP67 conforming to IEC 529
Product certifications	CULus
Ambient air temperature for operation	-20...80 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	0.2 gn (f= 57...150 Hz) conforming to IEC 68-2-6, FC tests
Shock resistance	30 gn for 11 ms conforming to EN 68-2-2 30 gn for 11 ms conforming to IEC 68-2-2

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	2.432 kg
Package 1 Height	9.8 cm
Package 1 width	30.4 cm
Package 1 Length	33.8 cm
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Weight	10.075 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

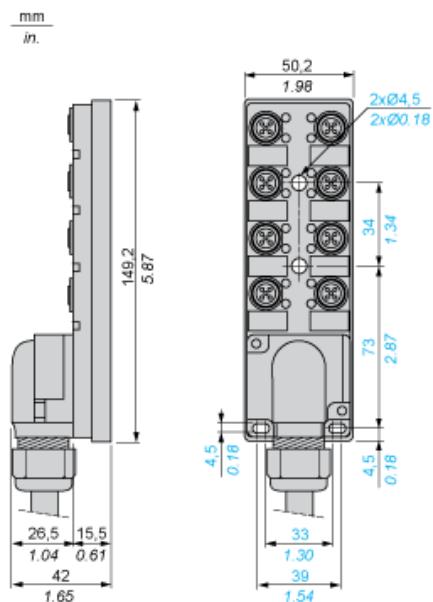
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

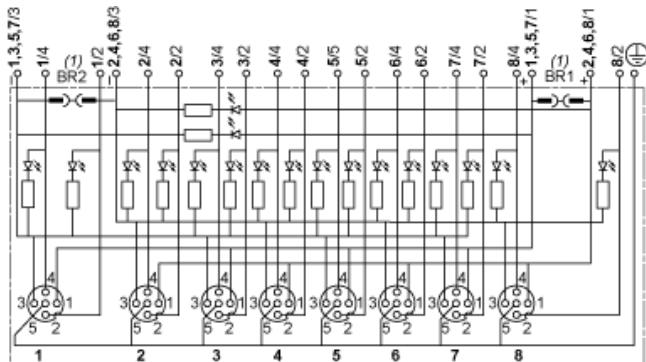
## Contractual warranty

Warranty	18 months
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Dimensions



Wiring Diagram



(1) BR1 and BR2: removable link

Item	Terminal	Wire
1/4	1	White
1/2	9	Grey/pink
2/4	2	Green
2/2	10	Red/blue
3/4	3	Yellow
3/2	11	White/green
4/4	4	Grey
4/2	12	Brown/green
5/4	5	Pink
5/2	13	White/yellow
6/4	6	Red
6/2	14	Yellow/brown
7/4	7	Black
7/2	15	White/grey
8/4	8	Violet
8/2	16	Grey/brown
1, 3, 5 & 7/1	+1	Brown 1
2, 4, 6 & 8/1	+2	Brown 2
1, 3, 5 & 7/3	-1	Blue 1
2, 4, 6 & 8/3	-2	Blue 2
1...8/5	PE	Green/yellow

Connection Terminals

