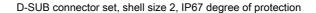


1689129

https://www.phoenixcontact.com/us/products/1689129

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## Your advantages

- · IP67 protection class
- · Two cable outlets ideal for hybrid applications

### Commercial data

Item number	1689129
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCBA
Catalog page	Page 220 (C-2-2013)
GTIN	4017918877989
Weight per piece (including packing)	60.55 g
Weight per piece (excluding packing)	60.5 g
Customs tariff number	85366990
Country of origin	DE



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### Technical data

#### Notes

#### Safety note

Safety note

WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.

- WARNING: Commission properly functioning products only.
   The products must be regularly inspected for damage.
   Decommission defective products immediately. Replace damaged products. Repairs are not possible.
- WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
- The products are suitable for applications in plant, controller, and electrical device engineering.
- When operating the connectors in outdoor applications, they must be separately protected against environmental influences.
- Assembled products may not be manipulated or improperly opened.
- Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
- When using the product in direct connection with third-party manufacturers, the user is responsible.
- For operating voltages > 50 V AC, conductive connector housings must be grounded
- Only use tools recommended by Phoenix Contact
- The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
- Use a protective cap to protect connectors that are not in use.
   The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
- Operate the connector only when it is fully plugged in and interlocked.
- Operate the connector only when it is fully plugged in.
- Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
- Observe the minimum bending radius of the cable. Lay the cable without twisting it.
- VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector



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Туре	D-SUB	
Product type	Data connector (cable side)	
Sensor type	Universal	
Number of positions	15	
Application	Housing set	
No. of cable outlets	2	
Shielded	no	
Cable outlet	angled	
Insulation characteristics		
Degree of pollution	2	
Electrical properties		
Transmission medium	Copper	
Connection data  Connection technology  Connection method	D-SUB	
Confidence in the control of the con	5 665	
Material specifications		
Color	gray	
Flammability rating according to UL 94	V0	
Seal material	Flat gasket: NBR; profile gasket: EPDM	
Cable seal material	CR/NBR	
Housing material	Plastic	
Cable/line		
External cable diameter ()	3 mm 9 mm	
Environmental and real-life conditions  Ambient conditions		
Degree of protection	IP67	
Ambient temperature (operation)	-40 °C 80 °C	



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## Classifications

UNSPSC 21.0

### **ECLASS**

	ECLASS-11.0	27440302	
	ECLASS-13.0	27440302	
	ECLASS-12.0	27440302	
ETIM			
	ETIM 9.0	EC001132	
UNSPSC			

39121400



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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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