

1424017

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Sensor/actuator flush-type plug, 8-pos., M12, A-coded, rear/screw mounting with M12 thread, with polarity protection, with straight solder connection

# Commercial data

Item number	1424017
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ABQEGI
GTIN	4046356661133
Weight per piece (including packing)	11.61 g
Weight per piece (excluding packing)	11.61 g
Country of origin	DE



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# Technical data

# Mounting

Mounting type	Rear mounting M12 x 1 With locking nut
Assembly instructions	With locking nut

# Product properties

Number of positions 8	
Shielded no	
Coding	
Thread type M12	

#### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Material specifications

Flammability rating according to UL 94	НВ
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

# Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	30 V
Nominal current I <sub>N</sub>	2 A

#### Connection data

#### Conductor connection

Connection method	Solder pins
Contact connection type	Pin

# Connector

#### Connection 1

On Modern 1	
Head design	Pin
Head cable outlet	straight
Head thread type	M12
Coding	A



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#### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C 85 °C

# Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101



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# Classifications

### **ECLASS**

	ECLASS-11.0	27440102
	ECLASS-12.0	27440116
	ECLASS-13.0	27440116
ETIM		
	ETIM 9.0	EC002635
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UN	ISPSC	

UNSPSC 21.0	39121400
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# Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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