CA-07P1N129007 - Coupler connector

1620114

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M23, Coupler connector, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 7, Direction of rotation: Standard, contact connection type: Pin, Solder connection, cable diameter range: 6 mm ... 10 mm, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1244004

Your advantages

- · Safe use in the field, thanks to high degree of protection
- · Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- · Solder connection: proven connection technology for various litz wires

Commercial data

Item number	1620114
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAEG
Catalog page	Page 88 (C-2-2019)
GTIN	4046356819305
Weight per piece (including packing)	97.5 g
Weight per piece (excluding packing)	97 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties			
Product type	Circular connector (cable-side)		
Connector			
Insulating body			
Coding	Ν		
Insulation body material	РВТ		
Contact material	CuZn		
Contact surface material	Ni/Au		
Insertion/withdrawal cycles	100		
Connection method	Solder connection		
Contact switching type	Pin		
Application	Signal		
Number of positions	7		
Direction of rotation	Standard		
Connection profile	7		
Rated voltage	48 V AC		
	74 V DC		
Rated surge voltage	1.5 kV		
Overvoltage category	III		
Degree of pollution	3		
Contact diameter Signal contacts	2 mm		
Litz wire cross-section Signal contacts max.	2.5 mm ²		
Nominal current per signal contact	20 A		
Housing			
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)		
Type of locking	for standard and SPEEDCON interlock		
Pg screw connection	none		
Degree of protection (plugged in)	IP67		

Seal

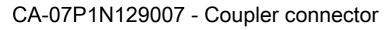
Thread type

External cable diameter	6 mm 10 mm
Seal material	NBR

M23

Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-40 °C 125 °C



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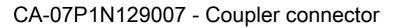
Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

	ETIM 9.0	EC002635
UNSPSC		
	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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