

HC-STA-RJ45CT-HT-M20-PLRBK - Connector set



1249554

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Connector set, number of positions: 8, CAT6_A, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, With RJ45 contact insert, with slotted seal

Your advantages

- Lower costs than metal version
- Labeling option using 9 x 20 mm marking label
- Low weight
- Lower risk of condensation

Commercial data

Item number	1249554
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF63
Product key	AF7AFX
GTIN	4063151355005
Weight per piece (including packing)	35.1 g
Weight per piece (excluding packing)	35.1 g
Customs tariff number	85366990
Country of origin	CN

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Set consists of

HC-Q-I-RJ45-08-M - Contact insert

1077117

<https://www.phoenixcontact.com/us/products/1077117>

Contact insert, number of positions: RJ45, size: D7, type : RJ45, Pin, 50 V, 1 A, application: Data, With RJ45 contact insert



HC-STA-D07-HHFS-1TGM20-PL-BK - Housing

1419255

<https://www.phoenixcontact.com/us/products/1419255>

Sleeve housing D7, for single locking latch, material: PA, cable outlets: 1, straight, 1x M20, height: 77.6 mm, cable gland: with, Standard



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Technical data

Product properties

Product type	Connector set
Housing type	Sleeve housing
Series	HC-D
Application	Data
Type	D7
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Type of the screw connection	1x M20
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	50 V
Rated surge voltage	0.8 kV
Rated current	1 A
Nominal voltage U_N	50 V
Transmission characteristics (category)	CAT6 _A (IEC 60512-27-100:2008, TIA-568-C.2:2009)

Connection data

Connection method	Crimp connection
Conductor cross-section	0.14 mm ² ... 0.25 mm ²
	0.14 mm ² ... 0.25 mm ² (flexible)
	0.14 mm ² ... 0.25 mm ²
	0.14 mm ² ... 0.25 mm ² (flexible)
Connection cross section AWG	24 ... 27 (flexible)

Interfaces

Signal type/category	Ethernet CAT6 _A
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Material specifications

Color	black (RAL 9005)
Material	PA
Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	PA
Contact material	Copper alloy
Contact surface material	Au

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Contact carrier material	PC
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Cable/line

Signal type/category	Ethernet CAT6 _A
External cable diameter	5 mm ... 6 mm

Mechanical properties

Mechanical data

Type of the screw connection	1x M20
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
Impact strength	IK06
Ambient temperature (operation)	-25 °C ... 60 °C

Mounting

Mounting type	Latching with lower housing part
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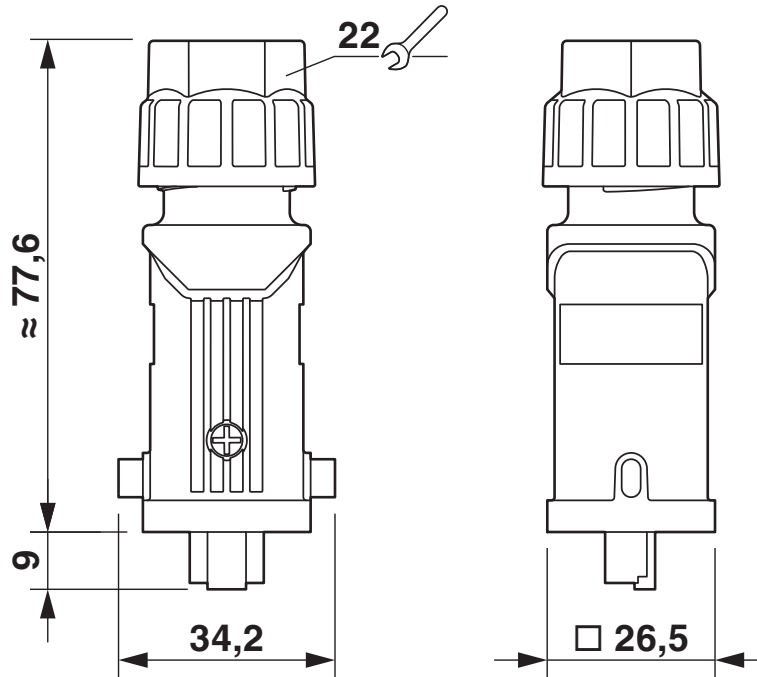


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Drawings

Dimensional drawing



Dimensional drawing

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Classifications

ECLASS

ECLASS-13.0	27440113
ECLASS-15.0	27440113

ETIM

ETIM 10.0	EC002636
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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