

# HC-HPR-D07-HLWH-1TTM20-EM-BK - Housing



1424638

<https://www.phoenixcontact.com/us/products/1424638>

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Sleeve housing D7, with screw locking, material: Die-cast zinc, cable outlets: 1, straight, 1x M20, height: 54.9 mm, cable gland: none, protective cover: no, Railway applications, for increased environmental and EMC requirements, Series HPR

## Your advantages

- Vibration and shock: IEC 61373/EN 50155, category 1, class 1B

## Commercial data

Item number	1424638
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF60
Product key	AF7AAJ
GTIN	4055626375670
Weight per piece (including packing)	82.2 g
Weight per piece (excluding packing)	79 g
Customs tariff number	85389099
Country of origin	CN

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## Technical data

### Notes

General	for contact inserts HC-D7, D8, A3, A4, HS2-D7, Q5, Q7, Q12
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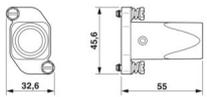
### Product properties

Housing type	Sleeve housing
Series	HPR-D7
Application	Railway applications
Type	D7
No. of cable outlets	1
Type of the screw connection	1x M20
Protective cover	no
Shielded	yes
Cable outlet	straight
Pg screw connection	none

### Connection data

Tightening torque	1 Nm (Locking screw)
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### Dimensions

Dimensional drawing	
Width	32.4 mm
Height	54.9 mm
Length	45.5 mm

### Material specifications

Housing material	Die-cast zinc
Housing surface material	Powder-coated, black
Locking latch material	Stainless steel

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66 (with sealing screw) IP68 (0.4 bar / 30 min. with sealing screw) IP69 (ISO 20653:2013-02)
Impact strength	IK09
Ambient temperature (operation)	-40 °C ... 125 °C

### Mechanical properties

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## Mechanical data

Type of the screw connection	1x M20
Locking type	Screw

## Mounting

Assembly note	M4 locking screw, slotted hexagon head screw (wrench size 7), tightening torque: 1 Nm. The seal of the pin contact insert should be removed. Max. thread length of the screw connection: 6 mm
	Mount contact insert with sealing screw in the housing

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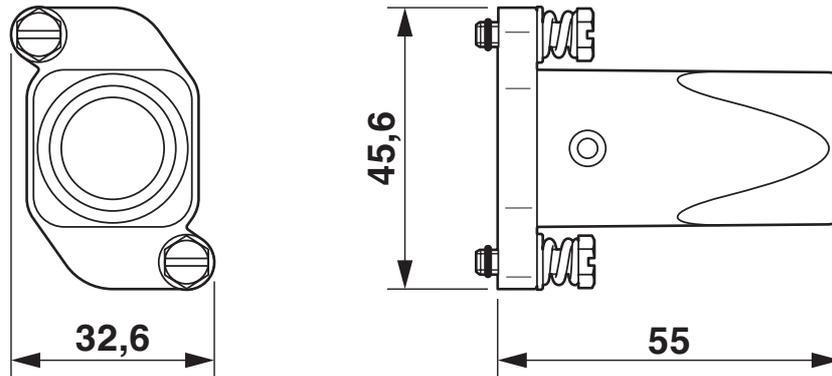


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

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**DNV**

Approval ID: TAE000037S

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## Classifications

### ECLASS

ECLASS-13.0	27440202
ECLASS-15.0	27440202

### ETIM

ETIM 9.0	EC000437
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### UNSPSC

UNSPSC 21.0	31261500
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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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