

## Screw connection - WP-GA HF IP69K M20 BK - 3240912


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Cable gland, metric thread, IP68/69k protection, angled



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 710190
GTIN	4046356710190
Weight per Piece (excluding packing)	19.600 g
Custom tariff number	39174000
Country of origin	Germany

### Technical data

#### Dimensions

Length (b)	49 mm
Width (a)	29.5 mm
Height (c)	50 mm
Diameter	27 mm
Outside diameter	21.2 mm
Cable diameter	21.2 mm ... 21.2 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 115 °C
Degree of protection	IP68/IP69K

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## Technical data

### General

Color	black
Type	Angled
	Outer thread
Components	free from silicone, halogen, and cadmium
Flammability rating according to UL 94	V2
Material	PA

### Standards and Regulations

Halogen-free	yes
Connection in acc. with standard	UL
Flammability rating according to UL 94	V2

### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 10.0.1	27144432
eCl@ss 4.0	27141200
eCl@ss 4.1	27141200
eCl@ss 5.0	27149100
eCl@ss 5.1	27141100
eCl@ss 6.0	27149100
eCl@ss 7.0	27149109
eCl@ss 8.0	27149109
eCl@ss 9.0	27144432

### ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC001178
ETIM 5.0	EC001178
ETIM 6.0	EC000441
ETIM 7.0	EC000441

### UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121410

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## Classifications

### UNSPSC

UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121311
UNSPSC 18.0	39121311
UNSPSC 19.0	39121311
UNSPSC 20.0	39121311
UNSPSC 21.0	39121311

## Approvals

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LR / UL Recognized / VDE Zeichengenehmigung

#### Ex Approvals

### Approval details

LR		<a href="http://www.lr.org/en">http://www.lr.org/en</a>
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UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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VDE Zeichengenehmigung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>
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## Accessories

### Accessories

Corrugated pipe

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### Accessories

Protective hose - WP-PA HF 21,2 BK - 3240683



Polyamide protective hose, inflammability class V0, UV resistant

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Protective hose - WP-PA HF-HB 21,2 BK - 3240841



Polyamide protective hose, inflammability class HB, UV resistant

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### Mounting material

Protective hose fixing bracket - WP-BASE A M20 - 3241084



Fixing bracket for protective sleeves, fixed with two screws

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