

### CATALOGUE

DINTEC PLUMBING CO., LTD NINGBO BY-DREAM TRADING CO., LTD www.bydream.trade

sale@bydream.trade

86-574-87328730

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# Pipes





### Multi-Layer Water & Gas Pipe

reliable supplier for high-performance pipes



<u>Cross-linked polyethylene</u> is a type of plastic contains cross-linked bonds in the polymer structure, changing the thermoplastic to a thermoset.

Cross-linking is accomplished during or after the extrusion of the tubing. The required degree of cross-linking, according to ASTM Standard F876, is between 65% and 89%. A higher degree of cross-linking could result in brittleness and stress cracking of the material, while a lower degree of cross-linking could result in product with poorer physical properties. (cited from Wikipedia)

### PE(X)-AL-PE(X) multilayer pipes

Multilayer pipe is a five-layer pipe.

The slender metal layer embedded between functions as an oxygen/gases barrier, prohibiting the diffusion of oxygen/gases through the polymer pattern. It also offers sternness making the pipe bend in shape and endure higher pressure.

### Advantages

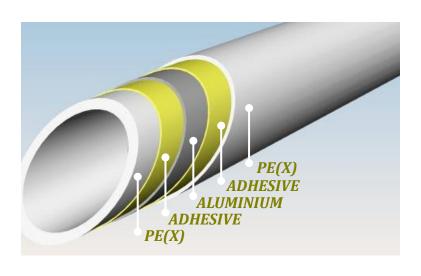
- non-toxic, anti-corrosive, long-term reliability
- flexibility combined with stiffness to hold its shape
- ☐ 100% oxygen isolated

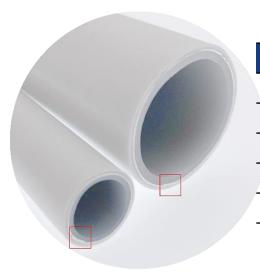


Made from cross-linked high-density polyethylene(HDPE)

#### Stable Under

- higher temperature
- chemical attacks
- better resistance to deformation





	DN16	DN18	DN20	DN25	DN26	DN32
Inner diameter	12mm	14mm	16mm	20mm	20mm	26mm
Outer diameter	16mm	18mm	20mm	25mm	26mm	32mm
Wall Thickness	2.0mm	2.0mm	2.0mm	2.5mm	3.0mm	3.0mm
Aluminium	overlap	overlap	overlap	overlap	overlap	overlap
Length	200m/100m	200m/100m	200m/100m	50m	50m	50m

Art No.	Material	Application Examples	Classification	Working Temperature
<u>3700GC</u>	PE-AL-PE	ordinary gas pipeline	Class 500	-20°C ~ 40°C 40°C at 4 Bars
<u>3700PC</u>	PE-AL-PE	cold water pipe	PN14	-20°C ~ 60°C 60°C at 4 Bars / 20°C at 10 Bars
<u>3700PE</u>	PE-AL-PEX	ordinary hot water pipe	PN14	-20°C ~ 60°C 60°C at 4 Bars / 20°C at 10 Bars
<u>3700PX</u>	PEX-AL-PEX	high temperature radiator hot water pipe solar energy system	PN14	-20°C ~ 95°C short exposures up to 100°C (<1 hour) 95°C at 4 Bars / 70°C at 10 Bars

Heat Conductivity: 0.43W/m.k

Linear Expansion Coefficient: 0.025mm/(m.k)

Note:1Mpa = 145psi = 10bar

### Installation



1.Measure the length you need and draw a cut mark on the pipe.



2. Align the cutter, squeeze the handles and rotate the cutter until the pipe is cut.



3.Use a right-size calibrator to round and ream the cutting edge.



4.Slip on the retainer nut, then the sleeve and finally the fitting.
The trick to not getting any leaks is to ensure proper penetration.



5. Tighten the retainer nut to ensure that the fitting is properly seated.

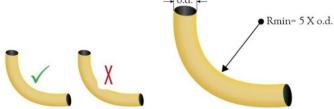


6. Tighten the nut enough with a wrench.

### **Bending Caution**

Bending of the pipe may be accomplished by hand with an internal or external bending spring or suitable pipe benders, with min. bend radio 5 times of pipe outer dia.





### Pipe Tools

























### Pipe Tools







Application:	Force:	Dies Profil	le:		
PE(X)-AL-PE(X) Hose	Crimping	6T	U-Type		Ф16 Ф20 Ф25 Ф32
PE(X)-AL-PE(X) Hose	Crimping	6T	ТН-Туре		Ф16 Ф20 Ф26 Ф32
SUS hose	Crimping	6T	SV-Type		DN15 DN20 DN25

A plastic box is included.



- Grade 5 protection
- PU coating
- Superior grip
- Lightweight & comfortable
- Ideal for cutting, slicing, peeling, and grating



## Valves









































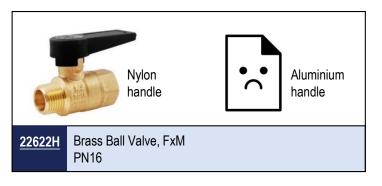


































Type: Vertical

Nominal Pressure: ≤ 1.6Mpa

Wo

Wo

Thi

Tes

orking Medium: water	
orking Temperature: 0°C ≤T ≤ 90°C	
read: BSP, NPT	
esting: 100% tested with 0.6MPa-0.8MPa by air	

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
DN	15	20	25	32	40	50



Material: Brass

Type: Horizontal

Nominal Pressure: ≤ 1.6Mpa

Working Medium: Water

Working Temperature: 0°C ≤T ≤ 100°C

Thread: BSP, NPT

Testing: 100% tested with 0.6MPa-0.8MPa by air



Swing Check Valve

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
DN	13	18	22	27	33	38	48	64	85













Body Material: Brass

Filter Material: Stainless Steel 304

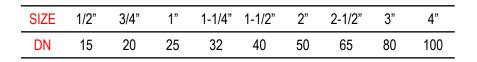
Nominal Pressure: ≤ 1.6Mpa

Working Medium: Water

Working Temperature:  $0^{\circ}C \le T \le 100^{\circ}C$ 

Thread: BSP, NPT

Testing: 100% tested with 0.6MPa-0.8MPa by air











Body Material:	Brass
Surface Finish:	☐ Brass color ☐ Chromed
Locking Screw:	Adjustable
Applicable Medium:	Water sources
Medium Flow Direction:	Must follow arrow direction
Applicable Range Of Pressure Before Valve:	3 ~ 10bar
Adjustable Range Of Pressure After Valve:	0.5 ~ 6bar
Default Setting:	3bar
Suitable Working Temperature:	4 ~ 40°C
Size:	□ 1/2"X1/2"X1/4" □ 3/4"X3/4"X1/4"

Body Material:	Brass
Surface Finish:	☐ Brass color ☐ Nickel Plated
Locking Screw:	Adjustable
Applicable Medium:	Water sources
Medium Flow Direction:	Must follow arrow direction
Nominal pressure:	PN 2.5MPa
Adjustable Range Of Pressure After Valve:	1 ~ 6bar
Default Setting:	3bar
Suitable Working Temperature:	0 ~ 100°C
Size:	□ 1/2"X1/2"X1/4" □ 3/4"X3/4"X1/4"











### PRESSURE REGULATOR







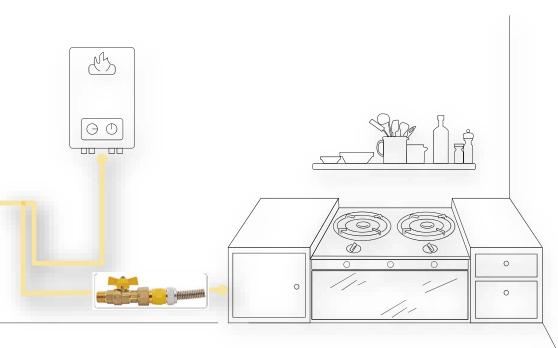
















### **WHY** we need an insulating dielectric coupling for gas?

The main function of a dielectric is to protect equipment from stray currents that can occur in a gas pipeline for various reasons.

### Here's what happens if stray currents get to your gas equipment:

- Gas appliances, most of the parts of which are made of conductive metal parts, become worthless and themselves become sources of danger;
- If a random spark occurs, there is a risk of fire, which becomes thousands of times more dangerous in a gaseous environment.
- Stray currents transmitted to household appliances and pipes during a thunderstorm or an accident on the power grid can cause serious injury to the user of gas equipment.

#### **HOW** it works?

Dielectric inserts are made of insulating polyamide and cut off the currents generated on gas pipe from equipment.

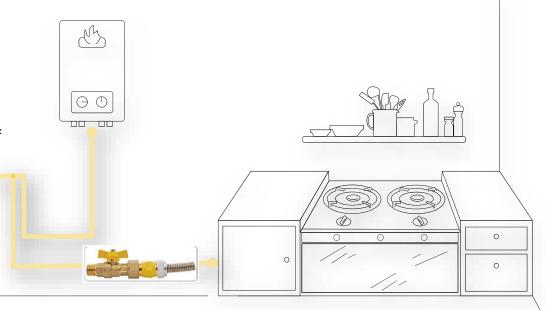
The best place to install the coupling is between gas shut-off valve and flexible hose pipe.

\*We remind you that it is impossible to use gas equipment before the arrival of a gas service employee. He must verify, record the fact of the installation of the dielectric and give permission to operate the connected equipment.\*

### DIELECTRIC INSERT FOR GAS





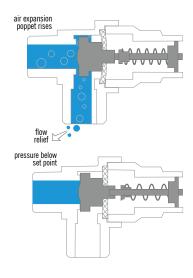










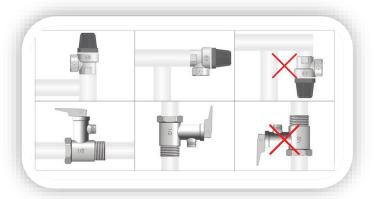






































































































Lead













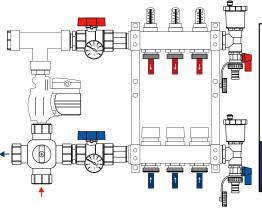








## Radiator Heating













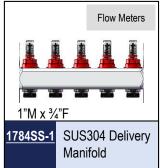


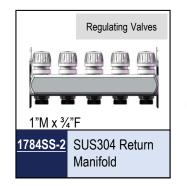








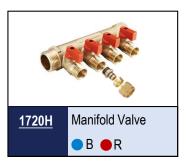






### You might also be interested in...

### OTHER BRASS MANIFOLDS & BARS



























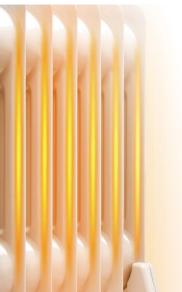


















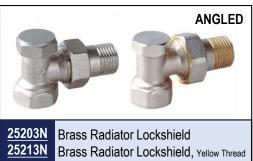




















# TECHNICAL SPECIFICATION Product Name Radiator Valve Working Temperature 5°C< t <100°C Max. Working Pressure 10 bar Working Media Water Thread Standard ISO 228

MATERIAL & SURFACE TREATMENT					
Body & ConnectTail	Brass				
Handle	Plastic				
Sealings	EPDM				
Body & Connect Tail Finish	Nickel Plated				
Thread Finish	Nickel Plated or Yellow				

You might also be interested in...



Brass Connector Set for PEX pipe



Brass Connector Set for Copper Pipe

19662N





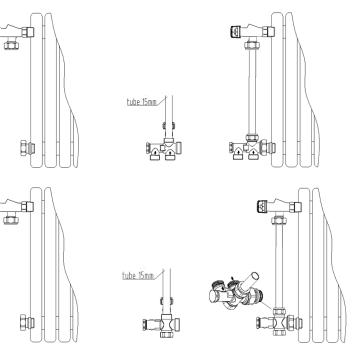














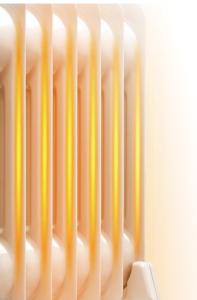












## Bibcocks























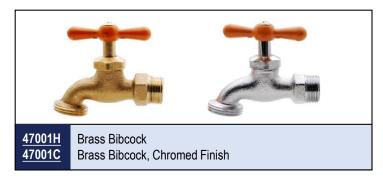


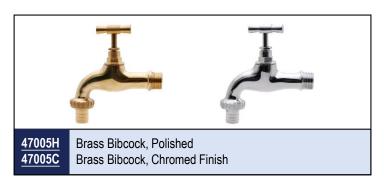




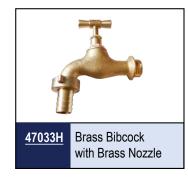


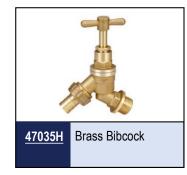


























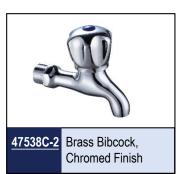




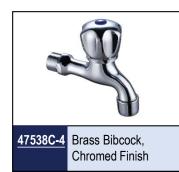












**BY-DREAM** 

**BIBCOCKS** 

**BRASS** 



































































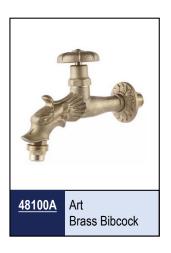


























# Mixers & Taps



















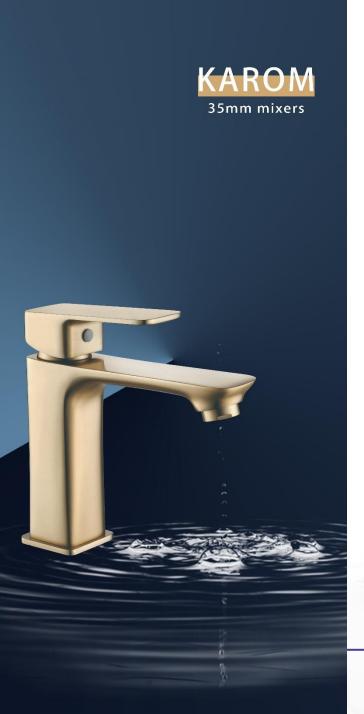
**BY-DREAM** 

45805

KITCHEN & BATHROOM

MIXERS/TAPS













BY-DREAM

KITCHEN & BATHROOM

MIXERS/TAPS

## TEMPO cold time-delay











43501 / Dahlia Wall-in J Spout



43501 / Dahlia Wall-in R Spout



43501 / Dahlia Wall-in U Spout











43501 / Dahlia Shower

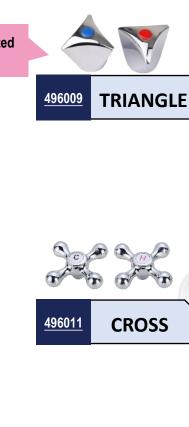




43502-Dahlia **Deck J Spout** 



You might also be interested in... other handles











**Short Spout** 













Bath/Shower Mixer -35mm



40603 Bath/Shower Mixer -40mm

#### Single-Lever Mixers **Economic**





**Sink Mixer-35MM** 1.6CM/1.8CM/2.2CM Spouts



40604-3 40604-4 Sink Mixer-40mm Short Spout Long Spout













### Single-Lever Mixers **Economic**



45843-1

Wall-in Basin Tap 25mm-DIVA



45843-2

Basin Tap 25mm-DIVA



45844-1

25mm-DIVA



25mm-DIVA



45844-3

Wall-in Sink Tap 25mm-DIVA



45845-1

Wall-in Basin Tap 25mm-DIVA



45845-2

Basin Tap 25mm-DIVA



















#### Cold Taps **Economic**

















1/4"



Outdoor Tap
22517C

1/2"





## KITCHEN



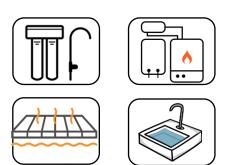
## BATH-ROOM

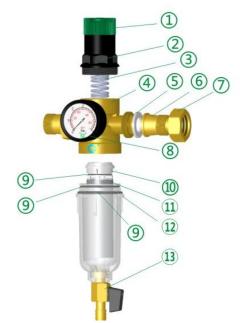


## WATER PRE-FILTER APPLICATION

Medical grade 316 stainless steel mesh filter screen, food grade environmental filter bracket, prevent dust, sand, plankton algae and other sediment go into the appliance.

Protect the water device at the source. Prolong the life of your household water appliance.







1	adjustable cap
2	tightening ring
3	spring
4	valve body
(5)	PTFE
6	brass fitting
7	hexagon nut
8	water manometer
9	O-ring
10	filter bracket
11)	medical grade SS316 mesh
12	PC plastic filter housing
13)	drain valve

## WATER PRE-FILTERS



WPF001-F1 WPF001-F2

WPF001-F3

Pre-Filter Valve, Plastic Housing
Pre-Filter Valve, Brass Housing
Pre-Filter Valve, Plastic Housing, Chromed

Mesh Density	40-60micron
Working Pressure	0.1-0.6MPa
Working Temperature	4°C~40 °C
Function detail	stable pressure
Original water	tap water
Flush	backwash
Pipe Thread	1/2" or 3/4"





<u>WPF003-T1</u>

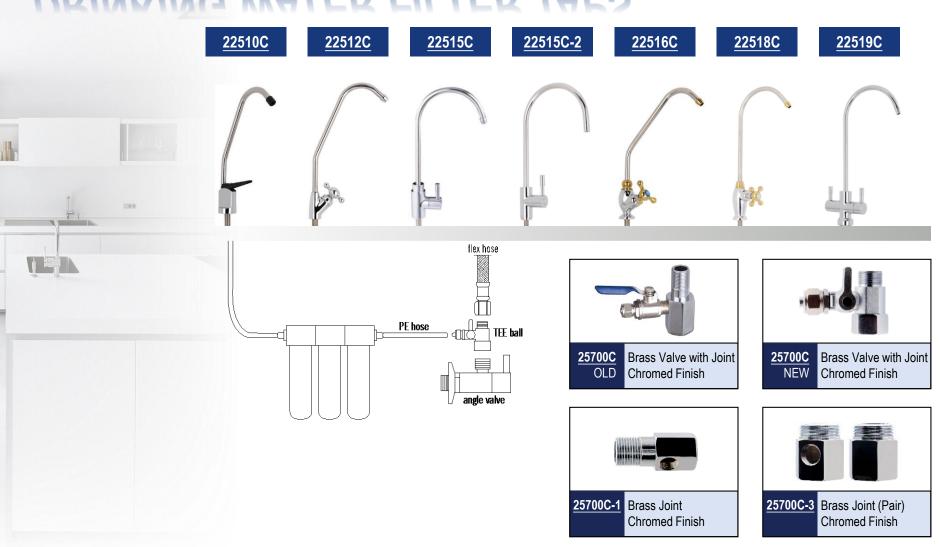
Pre-Filter Valve Mini, Plastic Housing

<u>WPF003-T2</u>

Pre-Filter Valve Mini, Brass Housing

WPF003-T3 Pre-Filter Valve Mini, Plastic Housing, Chromed

## DRINKING WATER FILTER TAPS





## DRINKING WATER FILTER ACCESSORIES















**24903-11** CTO Cartridge 10"



24903-12 UDF Cartridge 10"



**24903-14** T33 Cartridge 10"



FS01 FS01-2

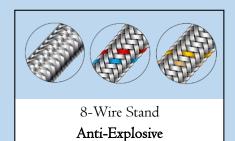
SUS304 Wire-Braided Water Hose, EPDM Inner Tube, F/F Connections. SUS304 Wire-Braided Water Hose, EPDM Inner Tube, F/F Connections, PVC Protective Coat.

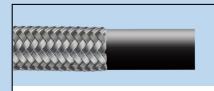


FS02 FS02-2 SUS304 Wire-Braided Water Hose, EPDM Inner Tube, M/F Connections. SUS304 Wire-Braided Water Hose, EPDM Inner Tube, M/F Connections, PVC Protective Coat.



FS06 FS06-2 SUS304 Wire-Braided Water Hose, EPDM Inner Tube, F Connection, M10 Head. SUS304 Wire-Braided Water Hose, EPDM Inner Tube, F Connection, M10 Head, PVC Protective Coat.





EPDM Inner
Anti-Aging & Higher Temp.

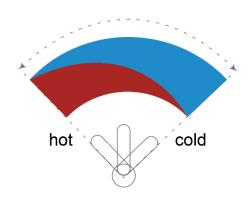








陶瓷片密封面材质: AL2O395% or AL2O397%	Ceramic Disc Material: Ceramic: AL2O395% or AL2O397%
 陶瓷片密封面平面度: ≤0.9μm	Flatness: ≤0.9µm
	Hardness: 1050HV5
燥声(3bar): ≤19db	Noise Level: Max.19db at 3bar
爆破压力: 静水压 35(bar)	Burst Test: static water pressure max.3.5MPa
	Handle Opening and Closing Torque: ≤ 0.2n.m
最高温度-≤90℃	Max.Temperature: 90°C
	Max.Turning Angle: -90°
EN817寿命: >70000周期	Working times: According to the EN817 Standard>70,000 cycles







































## MADE OF BRASS Solid material for long and reliabale use.

































































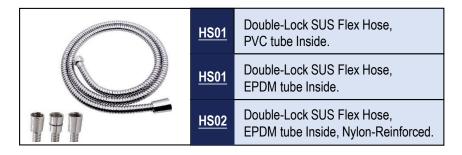
















































































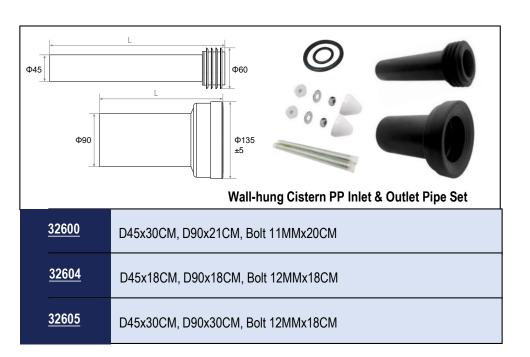






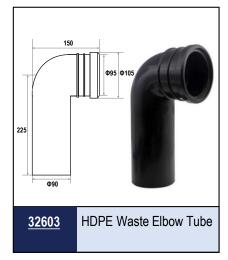




















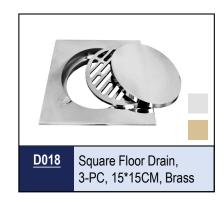










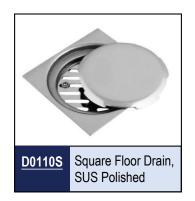




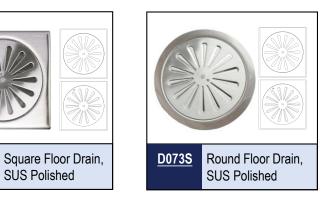


















D072S

















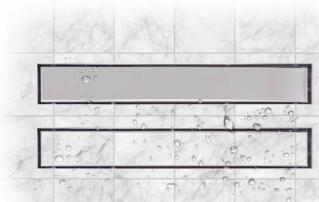












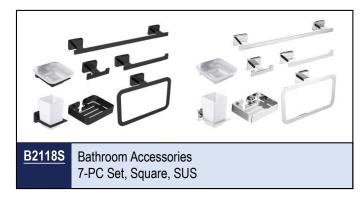








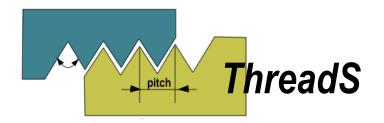








## Connection & Fittings



#### Surface Treatment

Н



**ISO7** 

ISO228

**NPT** 

hand polished / sand polished





brass polished & chrome plate



brass polished & nickel plate



customization per demands





#### FITTINGS FOR PEX PIPE ~ 14-SERIE

























#### **ELBOW**







#### TEE







# OTHER D-1409H FEMALE





1911N

REDUCING

#### FITTINGS FOR PEX-AL-PEX PIPE ~ 19-SERIE





















#### ONE

Extension Nipple is manufactured with solid brass. Chrome Plated gives a glossy fnish and makes it compatible with the environments.



To meet the diferent needs of the cusomers, we ofer a wide range of diameter and length that precisely made.





















































































16028 3-PC Union for Solar



11602 Solar Compression Straight



Elbow



11608 Solar Compression Tee



Plug

**BRASS Solar Fittings** 

No Additional Sealing Elements Needed













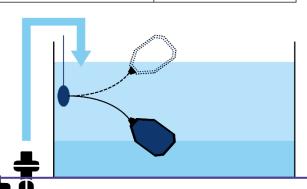
### backflow prevention water consumption cut-down easy and fast installation







Power Supply	110-220V / 50-60Hz
Max. Power	1,5 KW
Max. Operational Temperature	55°C
Protection Grade	IP68
Inductive Load	4A
Max. Allowable Voltage	250VAC
Cable	H07RN-F 3x1.0mm <sup>2</sup>
Cable Length	optional



#### TANK CONNECTOR







## Out-Door

























































