



...thoroughly tried and tested!

EWE-silicon brass fittings



Why are EWE fittings made from silicon brass?

By using silicon brass to manufacture our lead-free EWE fittings, we are helping to fulfil the requirements of the German Drinking Water Ordinance of 2001, which provides for a further reduction of the maximum permissible level of lead in drinking water from the current 0.025 mg/litre to 0.01 mg/litre by 2013.

What is EWE silicon brass?

EWE silicon brass is an alloy composed of 76% copper, 21% zinc and 3% silicon. It has a higher copper content than standard brass and is completely lead-free.

What is silicon?

Silicon is the second most common element on earth after oxygen. It makes up about 25% of the earth's crust and is found mainly in sand or quartz.

What are the other advantages of EWE silicon brass?

Thanks to its optimal formulation, this alloy easily outperforms conventional types of brass. It is extremely resistant to dezincification and corrosion and has a high mechanical strength. It goes without saying that whilst they are now manufactured from EWE silicon brass, the current EWE products have retained their original designs and dimensions.

Has EWE silicon brass been approved for use?

EWE silicon brass conforms to DIN 50930-6 and DIN 50931-1 pursuant to a resolution by the DVGW (German Association of Gas and Water Engineers).



Technical features:

- brass material made from lead-free EWE silicon brass
- upper section with bayonet locking for the EWE installation set
- outlet with internal thread, suitable for the EWE O-ring system
 - stainless steel valve spindle
- nodular cast iron connection piece
- A4 stainless steel clamp and nuts

Valve tapping fitting for aluminium-zinc pipes, cast iron pipes and steel pipes

Outlet Rp 1 1/2"

For main pipe DN	Order number
50	1114200
65	1114201
80	1114202
100	1114203
125	1114204
150	1114205
175	1114206
200/ 225	1114207
250/ 275	1114208
300	1114209
350	1114210
400	1114211
450	1114212
500	1114213



Valve tapping fitting for aluminium-zinc pipes, cast iron pipes and steel pipes, with drill-hole sleeve

Outlet Rp 1 1/2"

For main pipe DN	Order number
50	1112200
65	1112201
80	1112202
100	1112203
125	1112204
150	1112205
175	1112206
200/ 225	1112207
250/ 275	1112208
300	1112209
350	1112210
400	1112211
450	1112212
500	1112213



Technical features:

- brass material made from lead-free EWE silicon brass
- upper section with bayonet locking for the EWE installation set
- outlet with internal thread, suitable for the EWE O-ring system
- stainless steel valve spindle
- nodular cast iron connection piece
- A4 stainless steel clamp and nuts

Valve tapping fitting for aluminium-zinc pipes, cement-mortar-coated cast iron pipes, cement-mortar-coated steel pipes and GRP pipes, with drill-hole sealing sleeve

Outlet Rp 1 1/2"

For main pipe DN	Order number
50	1113200
65	1113201
80	1113202
100	1113203
125	1113204
150	1113205
175	1113206
200/ 225	1113207
250/ 275	1113208
300	1113209
350	1113210
400	1113211
450	1113212
500	1113213

Technical features:

- brass material made from lead-free EWE silicon brass
- upper section with bayonet locking for the EWE installation set
- outlet with internal thread, suitable for the EWE O-ring system
 - stainless steel valve spindle
- PVC connection piece and PVC clamp
 - stainless steel screws and nuts

Valve tapping fitting for PVC pipes with PVC bridge

Outlet Rp 1 1/2"

For main pipe DN	External dia. mm	Order number
50*	63	1117700
65*	75	1117701
80	90	1117702
100	110	1117703
125	140	1117704
150	160	1117705

* max. tapping diameter 24 mm



Valve tapping fitting for PVC pipes with + glass fibre + PVC wedge bridge

Outlet Rp 1 1/2"

For main pipe DN	External dia. mm	Order number
80	90	1117210
100	110	1117211
150	160	1117212
200	225	1117213



Technical features:

- brass material made from lead-free EWE silicon brass
- upper section with bayonet locking for the EWE installation set
- outlet with internal thread, suitable for the EWE O-ring system
- stainless steel valve spindle
- nodular cast iron connection piece and nodular cast iron clamp
- stainless steel screws and nuts

Valve tapping fitting for PVC pipes with nodular cast iron bridge

Outlet Rp 1 1/2"

For main pipe DN	External dia. mm	Order number
50*	63	1116700
65*	75	1116701
80	90	1116702
100	110	1116703
125	140	1116704
150	160	1116705
200	225	1116706
250	280	1116709
250**	280	1116707
300	315	1116710
300**	315	1116708

* max. tapping diameter 24 mm

** stainless steel band clamp, 90 mm wide with rubber lining

Technical features:

- brass material made from lead-free EWE silicon brass
- upper section with bayonet locking for the EWE installation set
- outlet with internal thread, suitable for the EWE O-ring system
 - stainless steel valve spindle
- connection piece and clamp with FRIALEN or ELGEF Plus welding systems

Valve tapping fitting for polyethylene pipes, FRIALEN welding system

Outlet Rp 1 1/2"

For main pipe external dia. mm	Order number
63*	1118500
75*	1118501
90	1118502
110	1118503
125	1118504
160	1118506
180	1118507
200	1118508
225	1118509
250-315**	1118510

* maximum tapping diameter 24 mm

** Top loading! Larger dimensions on request!



Valve tapping fitting for polyethylene pipes, ELGEF Plus welding system

Outlet Rp 1 1/2"

For main pipe external dia. mm	Order number
63*	1120100
75*	1120101
90	1120102
110	1120103
125	1120104
140	1120105
160	1120106
180	1120107
200	1120108
225	1120109
250	1120110
280**	1120111
315**	1120112

* maximum tapping diameter 24 mm

** Top loading! Larger dimensions on request!



Detallierte Informationen auf:

www.ewe-armaturen.de

Technical features:

- brass material made from lead-free EWE silicon brass
- upper section with bayonet locking for the EWE installation set
- outlet with internal thread, suitable for the EWE O-ring system
- stainless steel valve spindle
- connection piece and clamp as threaded tapping bridge
- stainless steel screws and nuts

Valve tapping fitting for polyethylene pipes with PVC bridge, with polyethylene sleeve

Outlet Rp 1 1/2"

For main pipe external dia. mm	Order number
63*	1117739
75*	1117740
90	1117741
110	1117742
140	1117743
160	1117744

* with reduced special polyethylene sleeve, for 24 mm tapping diameter

Valve tapping fitting for polyethylene pipes with nodular cast iron bridge, with polyethylene sleeve

Outlet Rp 1 1/2"

For main pipe external dia. mm	Order number
63*	1116730
75*	1116731
90	1116732
110	1116733
125	1116734
140	1116735
160	1116736
180	1116737
200	1116738
225	1116739
250**	1116740
280	1116743
280**	1116741
315	1116744
315**	1116742

* with reduced special polyethylene sleeve, for 24 mm tapping diameter

*** stainless steel band clamp, 90 mm wide with rubber lining

Detailierte Informationen auf:

www.ewe-armaturen.de

Technical features:

- brass material made from lead-free EWE silicon brass
- external thread with self-sealing O-ring, suitable for the EWE O-ring system

Polyethylene welded connection for all makes of welding sleeve

Thread G 1"

Polyethylene outlet Order number

32 SDR 11 2220108

40 SDR 11 2220109

50 SDR 11 2220110

Thread G 1 1/2"

Polyethylene outlet Order number

32 SDR 11 2220308

40 SDR 11 2220309

50 SDR 11 2220310



Polyethylene threaded connection made from polypropylene

Thread G 1"

Polyethylene outlet Order number

32 SDR 11 5210612

40 SDR 11 5210613

Thread G 1 1/2"

Polyethylene outlet Order number

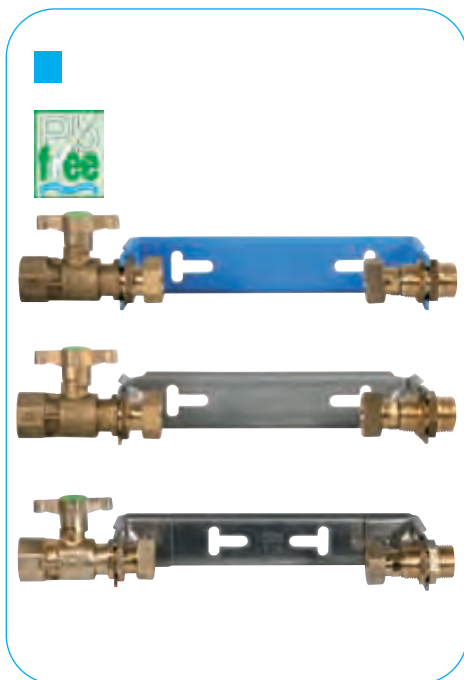
32 SDR 11 5210812

40 SDR 11 5210813



Technical features:

- medium-touching brass material made from lead-free EWE silicon brass
- ball shut-off fittings: with A4 stainless steel ball, dead-space free; full, smooth travel
- water meter brackets available hot-dip galvanised and blue-coated or in stainless steel
- with fastening material if required

Water meter systems with ball shut-off fitting, without back-siphonage preventer


Installation	Water meter size		Thread connections		Order number
	Qn	mm	Inlet Rp	Outlet R	
Blue bracket					
horizontal	2,5	190	1"	1"	3228101
vertical	2,5	105	1"	1"	3228001
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3828101
vertical	2,5	105	1"	1"	3828001
Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3828150

Water meter systems with ball shut-off fittings, without back-siphonage preventer


Installation	Water meter size		Thread connections		Order number
	Qn	mm	Inlet Rp	Outlet Rp	
Blue bracket					
horizontal	2,5	190	1"	1"	3228301
vertical	2,5	105	1"	1"	3228201
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3828301
vertical	2,5	105	1"	1"	3828201
Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3828350

For more detailed information visit:

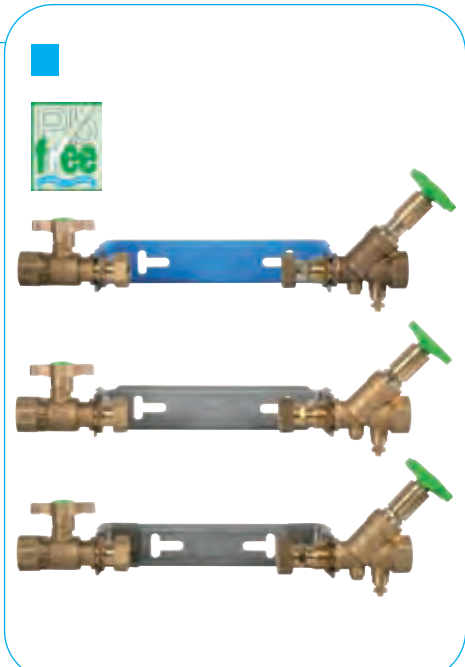
www.ewe-armaturen.de

Technical features:

- medium-touching brass material made from lead-free EWE silicon brass
- ball shut-off fittings: with A4 stainless steel ball, dead-space free; full, smooth travel
- Combined slanted-seat back-siphonage preventer: teflonised tappet also reduces the risk of deposits
- conical diaphragm back-siphonage preventer: simple, easy to maintain, springless safety fitting, diaphragm-controlled, operates with high flow rate and little pressure loss wherever installed
- water meter brackets available hot-dip galvanised and blue coated or in stainless steel
- with fastening material if required


Water meter systems with ball shut-off fitting and combined slanted-seat back-siphonage preventer

Installation	Water meter size		Thread connections		Order number
	Qn	mm	Inlet Rp	Outlet Rp	
Blue bracket					
horizontal	2,5	190	1"	1"	3229601
vertical	2,5	105	1"	1"	3229501
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3829601
vertical	2,5	105	1"	1"	3829501
Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3829650



Water meter systems with ball shut-off fittings and conical diaphragm back-siphonage preventer

Installation	Water meter size		Thread connections		Order number
	Qn	mm	Inlet Rp	Outlet Rp	
Blue bracket					
horizontal	2,5	190	1"	1"	3248601
vertical	2,5	105	1"	1"	3248501
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3848601
vertical	2,5	105	1"	1"	3848501
Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3848650



For more detailed information visit:

www.ewe-armaturen.de

Technical features:

- medium-touching brass material made from lead-free EWE silicon brass
- slanted-seat valve: drive is untouched by the medium and is therefore dead-space free and operates smoothly
- water meter brackets available hot-dip galvanised and blue coated or in stainless steel
- with fastening material if required

Water meter systems with slanted-seat valve, without back-siphonage preventer


Installation	Water meter size Qn	Water meter size mm	Thread connections		Order number
			Inlet Rp	Outlet R	
Blue bracket					
horizontal	2,5	190	1"	1"	3128101
horizontal	2,5	190	1 1/4"	1"	3128102
horizontal	2,5	190	1 1/4"	1 1/4"	3128103
vertical	2,5	105	1"	1"	3128001
vertical	2,5	105	1 1/4"	1"	3128002
vertical	2,5	105	1 1/4"	1 1/4"	3128003
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3728101
horizontal	2,5	190	1 1/4"	1"	3728102
horizontal	2,5	190	1 1/4"	1 1/4"	3728103
vertical	2,5	105	1"	1"	3728001
vertical	2,5	105	1 1/4"	1"	3728002
vertical	2,5	105	1 1/4"	1 1/4"	3728003
Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3728150
horizontal/ vertical	2,5	190/ 105	1 1/4"	1"	3728151
horizontal/ vertical	2,5	190/ 105	1 1/4"	1 1/4"	3728152

Technical features:

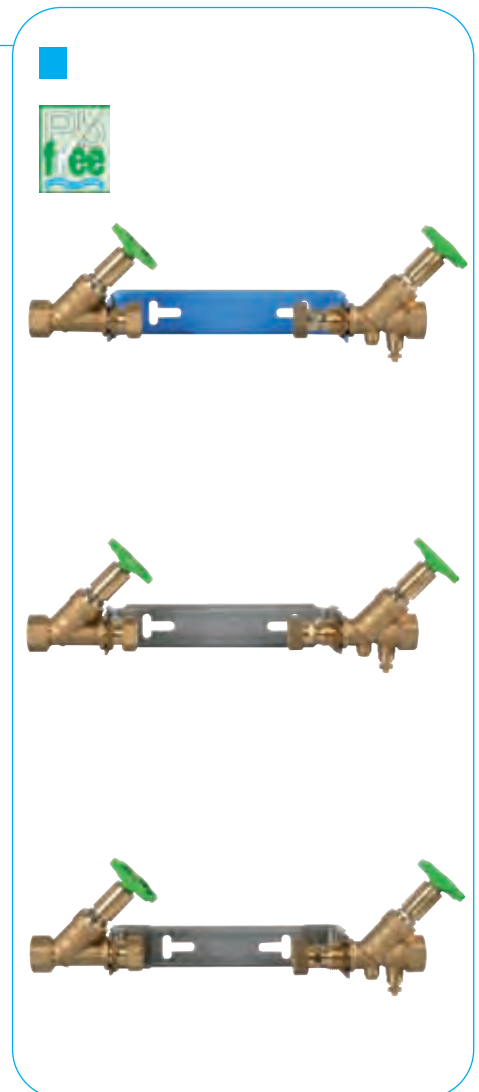
- medium-touching brass material made from lead-free EWE silicon brass
- slanted-seat valve: drive is untouched by the medium and is therefore dead-space free and operates smoothly
- water meter brackets available hot-dip galvanised and blue coated or in stainless steel
- with fastening material if required

Water meter systems with slanted-seat valves, without back-siphonage preventer

Installation	Water meter size		Thread connections		Order number
	Qn	mm	Inlet Rp	Outlet Rp	
Blue bracket					
horizontal	2,5	190	1"	1"	3128301
horizontal	2,5	190	1 1/4"	1"	3128302
horizontal	2,5	190	1 1/4"	1 1/4"	3128303
vertical	2,5	105	1"	1"	3128201
vertical	2,5	105	1 1/4"	1"	3128202
vertical	2,5	105	1 1/4"	1 1/4"	3128203

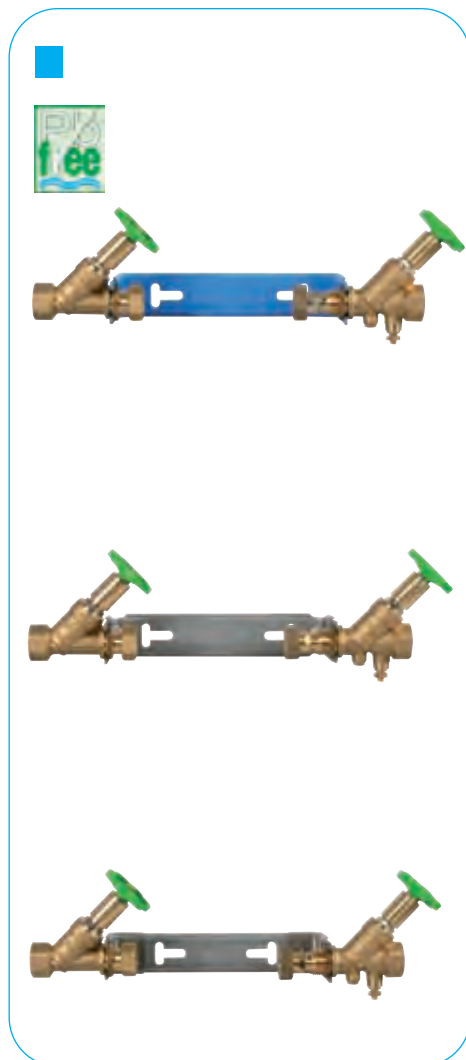
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3728301
horizontal	2,5	190	1 1/4"	1"	3728302
horizontal	2,5	190	1 1/4"	1 1/4"	3728303
vertical	2,5	105	1"	1"	3728201
vertical	2,5	105	1 1/4"	1"	3728202
vertical	2,5	105	1 1/4"	1 1/4"	3728203

Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3728650
horizontal/ vertical	2,5	190/ 105	1 1/4"	1"	3728651
horizontal/ vertical	2,5	190/ 105	1 1/4"	1 1/4"	3728652



Technical features:

- medium-touching brass material made from lead-free EWE silicon brass
- slanted-seat valve: drive is untouched by the medium and is therefore dead-space free and operates smoothly
- combined slanted-seat back-siphonage preventer: teflonised tappet also reduces the danger of deposits
- water meter brackets available hot-dip galvanised and blue coated or in stainless steel
- with fastening material if required

**Water meter systems with slanted-seat valve
and combined slanted-seat back-siphonage preventer, with back-siphonage preventer**


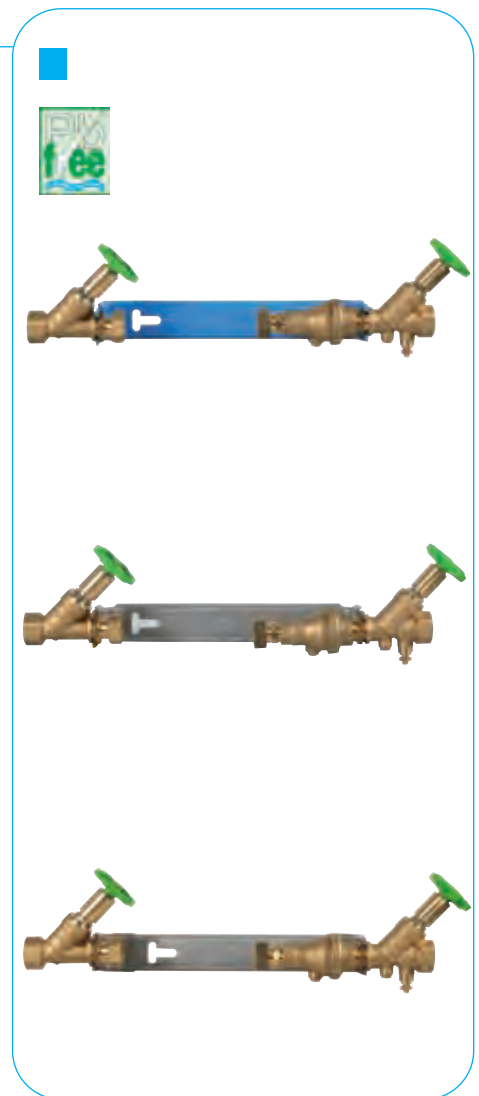
Installation	Water meter size		Thread connections		Order number
	Qn	mm	Inlet Rp	Outlet Rp	
Blue bracket					
horizontal	2,5	190	1"	1"	3129601
horizontal	2,5	190	1 1/4"	1"	3129602
horizontal	2,5	190	1 1/4"	1 1/4"	3129603
vertical	2,5	105	1"	1"	3129501
vertical	2,5	105	1 1/4"	1"	3129502
vertical	2,5	105	1 1/4"	1 1/4"	3129503
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3729601
horizontal	2,5	190	1 1/4"	1"	3729602
horizontal	2,5	190	1 1/4"	1 1/4"	3729603
vertical	2,5	105	1"	1"	3729501
vertical	2,5	105	1 1/4"	1"	3729502
vertical	2,5	105	1 1/4"	1 1/4"	3729503
Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3729650
horizontal/ vertical	2,5	190/ 105	1 1/4"	1"	3729651
horizontal/ vertical	2,5	190/ 105	1 1/4"	1 1/4"	3729652

Technical features:

- medium-touching brass material made from lead-free EWE silicon brass
- slanted-seat valve: drive is untouched by the medium and is therefore dead-space free and operates smoothly
- conical diaphragm back-siphonage preventer: simple, easy to maintain, springless safety fitting, diaphragm-controlled, operates with high flow rate and little pressure loss wherever installed
- water meter brackets available hot-dip galvanised and blue coated or in stainless steel
- with fastening material if required

Water meter systems with slanted-seat valves and conical diaphragm back-siphonage preventer

Installation	Water meter size		Thread connections		Order number
	Qn	mm	Inlet Rp	Outlet Rp	
Blue bracket					
horizontal	2,5	190	1"	1"	3148601
horizontal	2,5	190	1 1/4"	1"	3148602
horizontal	2,5	190	1 1/4"	1 1/4"	3148603
vertical	2,5	105	1"	1"	3148501
vertical	2,5	105	1 1/4"	1"	3148502
vertical	2,5	105	1 1/4"	1 1/4"	3148503
Stainless steel bracket					
horizontal	2,5	190	1"	1"	3748601
horizontal	2,5	190	1 1/4"	1"	3748602
horizontal	2,5	190	1 1/4"	1 1/4"	3748603
vertical	2,5	105	1"	1"	3748501
vertical	2,5	105	1 1/4"	1"	3748502
vertical	2,5	105	1 1/4"	1 1/4"	3748503
Stainless steel adjusting bracket					
horizontal/ vertical	2,5	190/ 105	1"	1"	3748650
horizontal/ vertical	2,5	190/ 105	1 1/4"	1"	3748651
horizontal/ vertical	2,5	190/ 105	1 1/4"	1 1/4"	3748652



Fastening material set 10



Galvanised or stainless steel

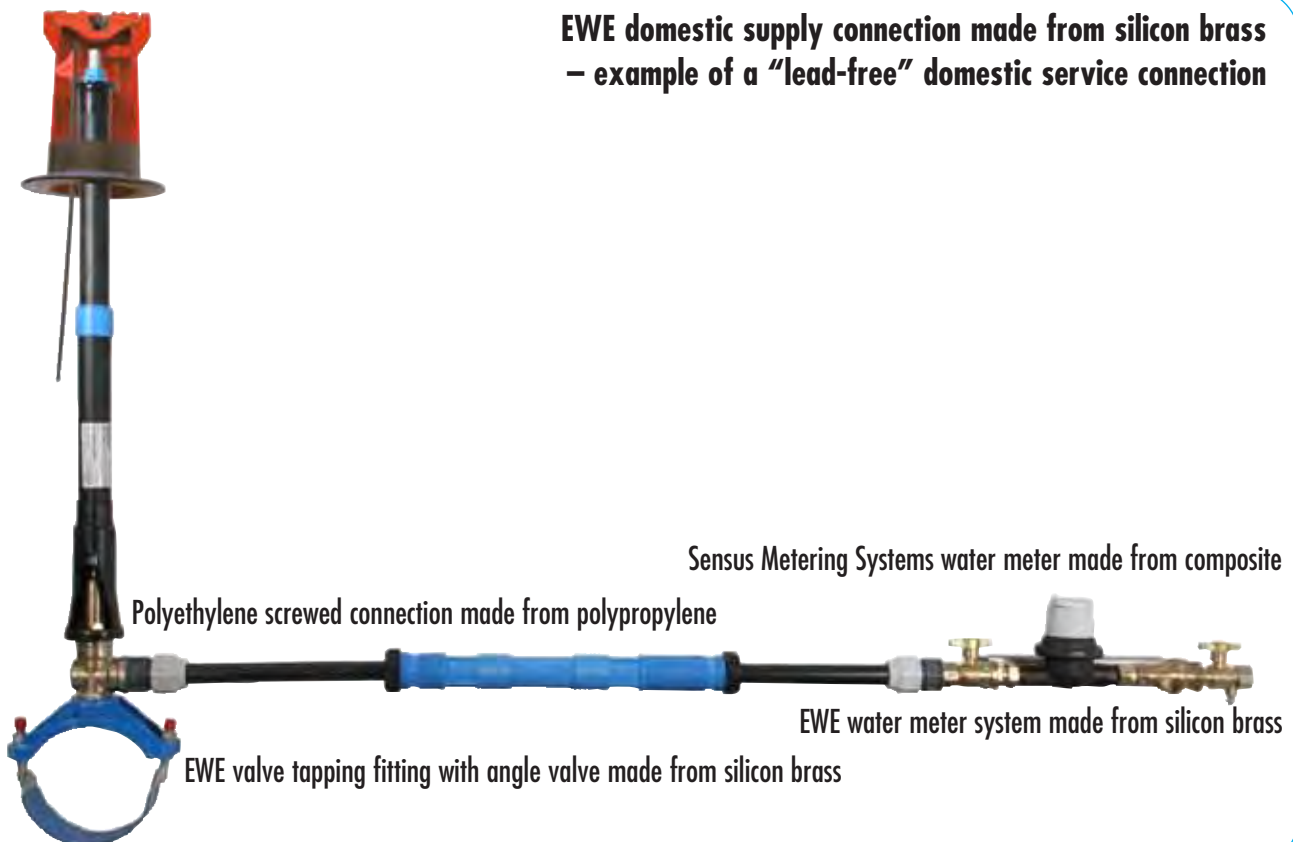
Galvanised

Article	Order number
Fastening material set 10 with SX10 PVC dowels, 8x70 mm screws and washers	4309925

Stainless steel

Fastening material set 10 with SX10 PVC dowels, 8x70 mm screws and washers	0309925
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**EWE domestic supply connection made from silicon brass
– example of a “lead-free” domestic service connection**



For more detailed information visit:

www.ewe-armaturen.de