

Stop cocks and shut-off valves



Pressure gauge stop cocks

Application Shut-off element between pipe and pressure gauge. Stop cocks with test port allow you to connect both pressure gauges and testers to the pipe. Suitable for liquids, gases and vapour.

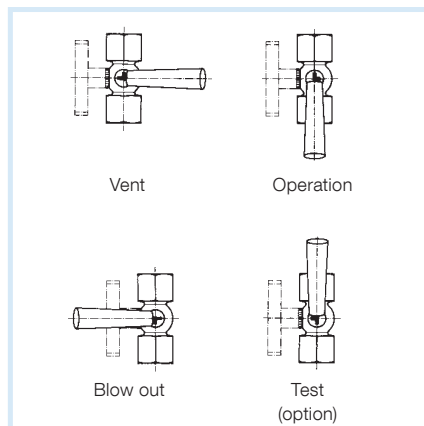
Technical specifications **Version**
DIN 16261 to 16263
(or based on DIN)

Operating temperature range
Medium: -10/+50 °C

Connection and nominal pressure
See price list

Housing and tap
Brass bare metal surface or stainless steel bare metal surface. The tap contains two holes which are arranged in the shape of a T.
The function depends on the tap position:

1. Vent pressure gauge
2. Apply pressure to pressure gauge
3. Blow out measuring line
4. Apply pressure to tester



Pressure gauge shut-off valves

Shut-off or reducing element between pipe and pressure gauge. Stop valves with test port allow you to connect both pressure gauges and testers to the measuring line. Suitable for liquids, gases and vapour.

Version
DIN 16270 without test port
DIN 16271 with test port, male M 20 x 1.5
DIN 16272 with test port which can be closed separately, male, see 16271
Type A female/female x male connection
Type B loose female coupling x male connection and shaft for instrument bracket

Operating temperature range
Brass -10/+120 °C
Steel SA202 (A) -10/+120 °C
Stainless steel 316 Ti -20/+200 °C

Connection and nominal pressure
See price list

Materials

Parts	Brass	Steel	Stainless steel
Housing	Brass	SA 202 (A)	316 Ti
Valve spindle	Brass	430 F	316 Ti
Valve cone	Brass	430 F	316 Ti
Packing	PTFE	PTFE	PTFE
Cap	Brass	Steel	Stainless steel
Union nut	Brass	Steel	Stainless steel
Female/female connection	Brass	Steel	Stainless steel
Loose female coupling	Brass	Steel	Stainless steel
Vent screw	316 Ti	316 Ti	316 Ti
Wheel	Plastic	Plastic	Plastic

Overpressure safety device/ push-button stop cock

Overpressure safety device

Application Adjustable overpressure safety device used to protect the system against peak pressures exceeding the range of the pressure gauge. At measuring points which are subject to great pressure variations, you can install different pressure gauges with different ranges in order to precisely measure even the lower pressures. The overpressure safety devices are adjusted according to the maximum permissible pressure ratings of the various pressure gauges installed.

Technical specifications

Function

When the set pressure is reached, a piston valve shuts off the port to the pressure gauge. After the pressure has dropped to a value of approx. 25 % below the closing pressure, the valve opens again.

Operating temperature range

Max. +80 °C

Overpressure safety

Brass: 600 bar

Stainless steel: 1000 bar

Max. vacuum range up to -1 bar, no adjustment function

Connection

G $\frac{1}{2}$ female/female connection x male connection

Materials overpressure safety device

Parts	Brass	Stainless steel
Housing	Brass	316 Ti
Piston	316 Ti	316 Ti
Female/female connection	Steel	303
Diaphragm	FKM	FKM
O ring	FKM	FKM

Push-button stop cock

Application Shut-off element between measuring line and pressure gauge. Normally, the push-button stop cock is closed. In this state, there is no pressure applied to the pressure gauge. Push the button to apply pressure to the pressure gauge and to display the operating pressure. Suitable for gases as per DVGW G260.

Technical specifications

Tested

DVGW- and SVGW-tested, with EC Type Examination Certificate, product ID number CE-0085AQ0985

Operating temperature range

Medium: 0/+70 °C

Ambient: -20/+60 °C

Connection

2 x female thread Rp $\frac{1}{2}$, DIN 2999

Rp $\frac{1}{4}$ DIN 2999

$\frac{1}{4}$ NPT (without test)

Nominal pressure

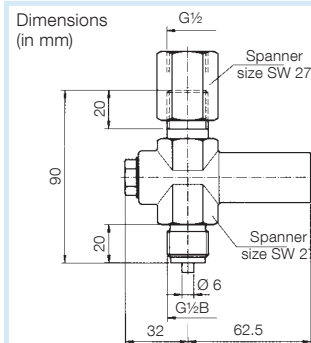
5 bar (MOP 5)

Housing

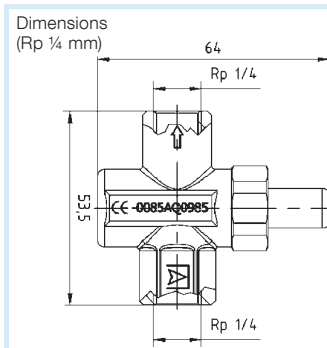
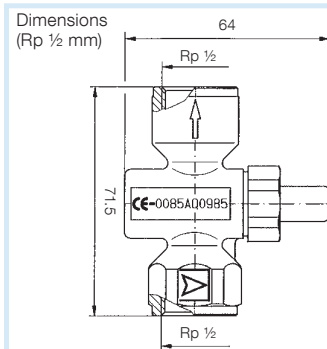
Brass, nickel-plated



Overpressure safety device

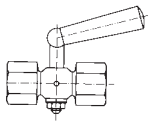


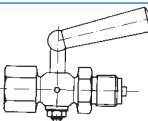
Push-button stop cock

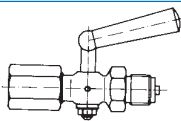


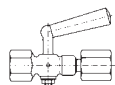
Accessories for pressure gauges

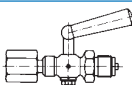
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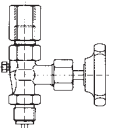
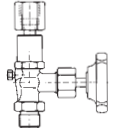
Pressure gauge stop cock female x female					
	Connection	Nominal pressure	Material	Part no.	
	G $\frac{1}{4}$	PN 6	Brass	63001	
	G $\frac{3}{8}$	PN 16	Brass	63002	
	G $\frac{1}{2}$	PN 16	Brass	63003	
With round test flange 40 x 5	G $\frac{1}{2}$	PN 16	Brass	63004	
With test flange 60 x 25 x 10	G $\frac{1}{2}$	PN 16	Brass	63005	
With sealing gland	G $\frac{1}{2}$	PN 16	Brass	63006	

Pressure gauge stop cock female x male					
	Connection	Nominal pressure	Material	Part no.	Price €
	G $\frac{1}{4}$	PN 6	Brass	63011	
	G $\frac{3}{8}$	PN 16	Brass	63012	
	G $\frac{1}{2}$	PN 16	Brass	63013	
With round test flange 40 x 5	G $\frac{1}{2}$	PN 16	Brass	63009	
With test flange 60 x 25 x 10	G $\frac{1}{2}$	PN 16	Brass	63010	

Pressure gauge stop cock female/female connection x male					
	Connection	Nominal pressure	Material	Part no.	Price €
	G $\frac{1}{4}$	PN 6	Brass	63014	
	G $\frac{1}{2}$	PN 16	Brass	63027	
	G $\frac{1}{2}$	PN 16	1.4571	63090	
With test flange 60 x 25 x 10	G $\frac{1}{2}$	PN 16	Brass	63028	
With test flange 60 x 25 x 10	G $\frac{1}{2}$	PN 16	1.4571	63091	
With male test connection M20 x 1.5	G $\frac{1}{2}$	PN 16	Brass	63015	
With male test connection M20 x 1.5	G $\frac{1}{2}$	PN 16	1.4571	63016	

Pressure gauge stop cock loose female coupling x female					
	Connection	Nominal pressure	Material	Part no.	Price €
	G $\frac{1}{2}$	PN 16	Brass	63017	
With test flange 60 x 25 x 10	G $\frac{1}{2}$	PN 16	Brass	63018	

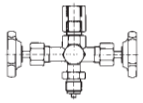
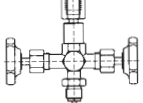
Pressure gauge stop cock loose female coupling x male					
	Connection	Nominal pressure	Material	Part no.	Price €
	G $\frac{1}{2}$	PN 16	Brass	63107	
With test flange 60 x 25 x 10	G $\frac{1}{2}$	PN 16	Brass	63024	

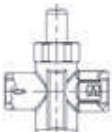
Pressure gauge shut-off valve DIN 16270								
Type A – female/female x male connection								
Type B – loose female coupling x male connection and shaft for instrument bracket								
Type A	Type B	Connection	Nominal pressure	Material	Type A Part no.	Price €	Type B Part no.	Price €
		G $\frac{1}{4}$	PN 125	Brass	63094		---	---
		G $\frac{1}{2}$	PN 250	Brass	63092		63046	
		G $\frac{1}{2}$	PN 400	Steel	63040		63047	
		G $\frac{1}{2}$	PN 400	1.4571	63093		63048	
		Test connection male M20 x 1.5 DIN 16271	G $\frac{1}{2}$	PN 250	Brass	63041		63049
		G $\frac{1}{2}$	PN 400	Steel	63042		63108	
		G $\frac{1}{2}$	PN 400	1.4571	63044		63109	
Extra charge oil-free and grease-free*					63045		63110	
Extra charge DVGW-tested							---	---

* Only for brass and stainless steel.


Accessories for pressure gauges

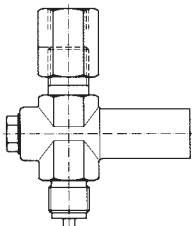
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Pressure gauge dual stop valve DIN 16272 with male test connection M 20 x 1.5								
Type A – female/female x male connection								
Type B – loose female coupling x male connection and shaft for instrument bracket								
Type A	Type B	Connection	Nominal pressure	Material	Type A	Price €	Type B	Price €
					Part no.		Part no.	
		G½	PN 250	Brass	63111		63115	
		G½	PN 400	Steel	63112		63116	
		G½	PN 400	1.4571	63113		63117	
Extra charge oil-free and grease-free (only for brass and stainless steel)							63114	



Push-button stop cock female x female – DVGW- and SVGW-tested/CE-0085AQ0985					
	Connection	Nominal pressure	Material	Part no.	Price €
	Rp ½, DIN 2999	MOP 5	Brass, nickel-plated	63031	
	Rp ¼, DIN 2999	MOP 5	Brass, nickel-plated	63191	
	¼-18 NPT*	MOP 5	Brass, nickel-plated	63193	

* Without DVGW and SVGW approval



Damping device (pressure surge protection) female x male – adjustable					
	Connection	Nominal pressure	Material	Part no.	Price €
	G½	PN 400	Brass	63074	
	G½	PN 400	Steel	63075	
	G½	PN 400	316 Ti	63076	

Overpressure safety device G½ female/female connection x male – adjustable, vacuum-tight							
	Adjustment range in bar	Material	Part no.	Price €	Material	Part no.	Price €
	0.4–2.5	Brass	63131		316 Ti	63139	
	2–6	Brass	63132		316 Ti	63140	
	5–25	Brass	63133		316 Ti	63141	
	20–60	Brass	63134		316 Ti	63142	
	50–250	Brass	63135		316 Ti	63143	
	240–400	Brass	63136		316 Ti	63144	
Extra charge oil-free and grease-free				63137		63145	
Extra charge DVGW-tested				63138		63146	

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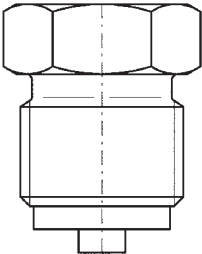
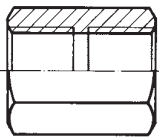
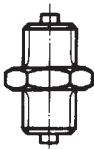
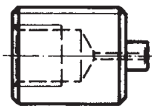

Siphon DIN 16282 – outlet female/female connection G½							
U shape		Design	Inlet	Material	Nominal pressure	Part no.	Price €
		A*	G½B	Steel	PN 100	63147	
		B	Without thread, welded end 20 x 2.6 mm	Steel	PN 100	63148	
Circular shape		A*	G½B	316 Ti	PN 100	63149	
		C*	G½B	Steel	PN 100	63150	
		D	Without thread, welded end 20 x 2.6 mm	Steel	PN 100	63151	
C*	G½B	316 Ti	PN 100	63152			

* Types A and C are no longer provided for in the new DIN edition

Siphon – standard – inlet G½							
U shape	Circular shape	Design	Outlet	Material	Nominal pressure	Part no.	Price €
		U	G½B	Steel	PN 25	63085	
		U	Female/female connection G½B	Steel	PN 25	63153	
		Circular	G½B	Steel	PN 25	63081	
		Circular	Female/female connection G½B	Steel	PN 25	63154	

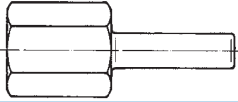
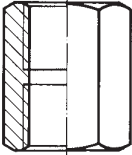
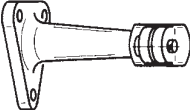
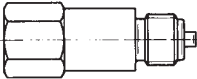
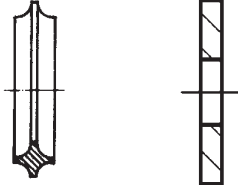
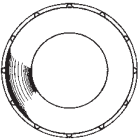
Accessories for pressure gauges

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Reducers and adapters					
	Female connection	Male connection	Material	Part no.	Price €
	G $\frac{1}{8}$	G $\frac{1}{4}$	Brass	63050	
	G $\frac{1}{4}$	G $\frac{1}{8}$	Brass	63052	
	G $\frac{1}{4}$	G $\frac{3}{8}$	Brass	63053	
	G $\frac{1}{4}$	G $\frac{1}{2}$	Brass	63054	
	G $\frac{1}{4}$	G $\frac{1}{2}$	316 Ti	63051	
	G $\frac{3}{8}$	G $\frac{1}{4}$	Brass	63056	
	G $\frac{3}{8}$	G $\frac{1}{2}$	Brass	63057	
	G $\frac{1}{2}$	G $\frac{1}{4}$	Brass	63058	
	G $\frac{1}{2}$	G $\frac{3}{8}$	Brass	63059	
	G $\frac{1}{2}$	G $\frac{3}{8}$	316 Ti	63062	
	G $\frac{1}{2}$	M 20 x 1.5	Brass	63155	
M 20 x 1.5	G $\frac{1}{2}$	Brass	63156		
	Female connection	Female connection	Material	Part no.	Price €
	G $\frac{1}{4}$	G $\frac{1}{8}$	Brass	63158	
	G $\frac{1}{4}$	G $\frac{1}{4}$	Brass	63159	
	G $\frac{1}{2}$	G $\frac{1}{4}$	Brass	63160	
G $\frac{1}{2}$	G $\frac{1}{2}$	Brass	63161		
	Male connection	Male connection	Material	Part no.	Price €
	G $\frac{1}{2}$	G $\frac{1}{2}$	Brass	63164	
	G $\frac{1}{2}$	G $\frac{1}{2}$	316 Ti	63165	
Connection nipple – self-sealing					
	Female connection	Male connection	Material	Part no.	Price €
	G $\frac{1}{8}$	G $\frac{1}{4}$	Brass	63067	
	G $\frac{1}{4}$	G $\frac{3}{8}$	Brass	63068	
	G $\frac{1}{4}$	G $\frac{1}{2}$	Brass	63069	
G $\frac{3}{8}$	G $\frac{1}{2}$	Brass	63065		
Mounting valve with self-sealing coating – automatically closes when the pressure gauge is replaced					
	Female connection	Male connection	Material	Part no.	Price €
	G $\frac{1}{4}$	G $\frac{1}{4}$	Brass	77907	
	G $\frac{1}{4}$	G $\frac{3}{8}$	Brass	77908	
	G $\frac{3}{8}$	G $\frac{3}{8}$	Brass	77917	
	G $\frac{1}{4}$	G $\frac{1}{2}$	Brass	77914	
G $\frac{3}{8}$	G $\frac{1}{2}$	Brass	77918		

Accessories for pressure gauges

DG: E

Union nut + nipple DIN 16284					
	Female connection	Male connection	Material	Part no.	
	G¼	6 mm	Brass	63072	
	G½	12 mm	Brass	63084	
	G½	12 mm	316 Ti	63070	
Female/female connection DIN 16283					
	Female connection	Female connection	Material	Part no.	Price €
	G¼ left	G¼	Brass	63101	
	G¼ left	G¼	Steel	63102	
	G¼ left	G¼	316 Ti	63103	
	G½ left	G½	Brass	63104	
	G½ left	G½	Steel	63105	
G½ left	G½	316 Ti	63106		
Instrument bracket DIN 16281 – type H					
	Female connection	Protrusion	Material	Part no.	Price €
	26 mm	60 mm	Aluminium	63077	
	26 mm	100 mm	Aluminium	63078	
	26 mm	160 mm	Aluminium	63079	
	26 mm	100 mm	316 Ti	63080	
Adapter DIN 16281					
	Female connection	Male connection	Material	Part no.	Price €
	G½	G½	Brass	63095	
	G½	G½	Steel	63097	
	G½	G½	316 Ti	63096	
Seals					
	Design	For thread	Material	Part no.	Price €
	Profile seal for inner centering	G¼ M 12 x 1.5	Copper	39205	
	Profile seal for inner centering	G½ M 20 x 1.5	Copper	39206	
	Flat gasket DIN 16258	G¼ M 12 x 1.5	Copper	39209	
	Flat gasket DIN 16258	G½ M 20 x 1.5	Copper	39210	
	Flat gasket DIN 16258	G½ M 20 x 1.5	316 Ti	39211	
	Flat gasket DIN 16258	G½ M 20 x 1.5	PTFE	39212	
Protective caps					
	Nominal size*	Colour*	Material	Part no.	Price €
	63	Blue	Rubber	63029	
	63	Red	Rubber	63100	
	63	Black	Rubber	63019	
	80	Black	Rubber	63071	
	100	Black	Rubber	63030	

* Other nominal sizes and colours on request.