

# Solenoid Valve Type 3962

without explosion protection, EEx em, EEx d  
for controlling pneumatic actuators



**SAMSO  
MATIC**

## General

The Type 3962 Solenoid Valve ensures a high level of operational reliability for controlling pneumatic actuators in hazardous areas.

They offer different types of protection, switching functions, flow rates and connections for all desired applications.

Special features of the Type 3962 Solenoid Valve include:

### General

- Life cycle more than 20 million switching cycles
- Ambient temperature  $-20$  to  $+80$  °C, depending on type of protection and temperature class
- Corrosion-resistant enclosure with degree of protection IP 65 for applications in humid, corrosive environments
- Wall mounting or pipe mounting
- Attachment to rotary actuators with NAMUR interface according to VDI/VDE 3845
- Attachment to linear actuators with NAMUR rib according to IEC 60534-6-1

### Pilot valve

- Solenoid and seat valve with return spring
- Version without explosion protection for nominal signal 24 V DC or 24/115/230 V AC
- Type of protection "Increased safety" EEx em for nominal signal 24/115/230 V AC/DC
- Type of protection "Flameproof enclosure" EEx d for nominal signal 24 V DC or 24/115/230 V AC, other nominal signals on request
- Power consumption max. 3 W (DC) or 10 VA (AC), depending on nominal signal
- Air supply 1.4 to 8.0 bar
- Manual override as push button or rotary push button switch (optional)
- Electrical connection using a cable gland M 20  $\times$  1.5 to terminals or using a connector

### Booster valve

- Seat valve with diaphragm element and return spring
- Piston valve, single or double actuated
- 3/2, 5/2, 5/3 or 6/2-way function
- Exhaust feedback (optional)
- $K_{vs}$  value 1.4 or 4.3
- Operating pressure max. 10.0 bar
- Threaded connection G (NPT)  $1/4$  or  $1/2$
- NAMUR interface  $1/4$ " or  $1/2$ "

### Without explosion protection



Type 3962-0XX103XXXXXXX Solenoid Valve

### EEx em



Type 3962-4XX003XXXXXXX Solenoid Valve

### EEx d



Type 3962-9XX014XXXXXXX Solenoid Valve

Fig. 1

## Versions

### Examples of configuration

#### Without explosion protection



Fig. 2

#### Type 3962-0XX103XXXXXXXX

- Without explosion protection
- Nominal signal 24 V DC or 24/115/230 V AC
- 5/2-way function with spring return mechanism
- $K_{vs}$  value 1.4
- Connection G (NPT)  $1/4$ " / NAMUR  $1/4$ "
- Mounting to on-off rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "

#### EEx em



Fig. 3

#### Type 3962-4XX003XXXXXXXX

- Type of protection "Increased safety" EEx em
- Nominal signal 24/115/230 V AC/DC
- 3/2-way function with spring return mechanism
- Exhaust feedback
- $K_{vs}$  value 1.4
- Connection G (NPT)  $1/4$ " / NAMUR  $1/4$ "
- Mounting to on-off rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "

#### EEx d

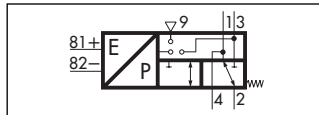


Fig. 4

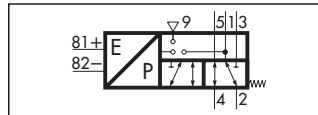
#### Type 3962-9XX014XXXXXXXX

- Type of protection "Flameproof enclosure" EEx d
- Nominal signal 24 V DC or 24/115/230 V AC
- 3/2-way function with spring return mechanism
- $K_{vs}$  value 4.3
- Connection G (NPT)  $1/2$ "
- Wall mounting or pipe mounting

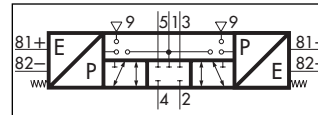
Solenoid valves with threaded connection for wall mounting or pipe mounting



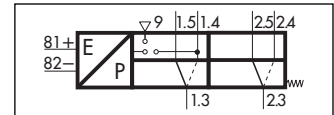
- Type 3962-XXX013XXXXXXX**
- 3/2-way function with spring return mechanism
  - Exhaust feedback
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$



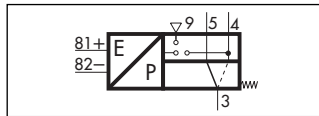
- Type 3962-XXX113XXXXXXX**
- 5/2-way function with spring return mechanism
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$



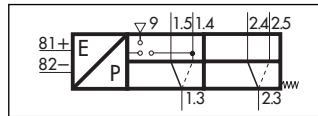
- Type 3962-XXX313XXXXXXX**
- 5/3-way function with spring-centered mid-position (2 and 4 closed)
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$



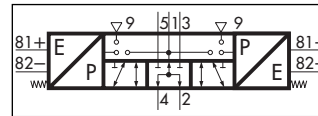
- Type 3962-XXX614XXXXXXX**
- 6/2-way function with spring return mechanism
  - $K_{vs}$  value 4.3
  - Connection G (NPT)  $1/2$



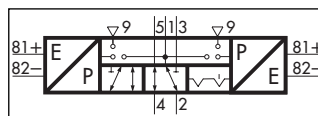
- Type 3962-XXX014XXXXXXX**
- 3/2-way function with spring return mechanism
  - $K_{vs}$  value 4.3
  - Connection G (NPT)  $1/2$



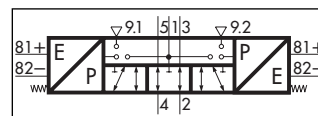
- Type 3962-XXX114XXXXXXX**
- 5/2-way function with spring return mechanism
  - $K_{vs}$  value 4.3
  - Connection G (NPT)  $1/2$



- Type 3962-XXX413XXXXXXX**
- 5/3-way function with spring-centered mid-position (2 and 4 to air supply)
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$

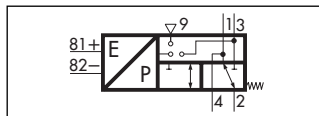


- Type 3962-XXX213XXXXXXX**
- 5/2-way function with two locking positions
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$

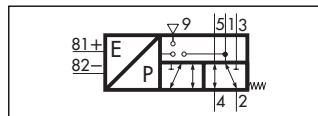


- Type 3962-XXX513XXXXXXX**
- 5/3-way function with spring-centered mid-position (2 and 4 vented)
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$

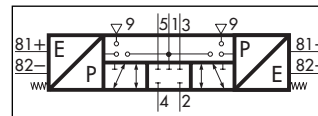
Solenoid valves with NAMUR interface for rotary actuators



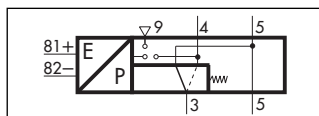
- Type 3962-XXX003XXXXXXX**
- 3/2-way function with spring return mechanism
  - Exhaust feedback
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$ /NAMUR  $1/4$ "
  - Attachment to on-off rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "



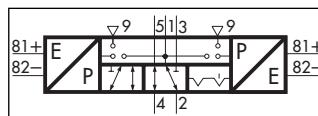
- Type 3962-XXX103XXXXXXX**
- 5/2-way function with spring return mechanism
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$ /NAMUR  $1/4$ "
  - Attachment to on-off rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "



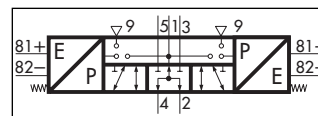
- Type 3962-XXX303XXXXXXX**
- 5/3-way function with spring-centered mid-position (2 and 4 closed)
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$ /NAMUR  $1/4$ "
  - Attachment to rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "



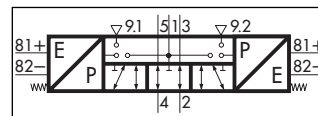
- Type 3962-XXX004XXXXXXX**
- 3/2-way function with spring return mechanism
  - Exhaust feedback
  - $K_{vs}$  value 4.3
  - Connection G (NPT)  $1/2$ /NAMUR  $1/2$ "
  - Attachment to on-off rotary actuators with NAMUR interface  $3/8$ " or  $1/2$ "



- Type 3962-XXX203XXXXXXX**
- 5/2-way function with two locking positions
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$ /NAMUR  $1/4$ "
  - Attachment to rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "



- Type 3962-XXX403XXXXXXX**
- 5/3-way function with spring-centered mid-position (2 and 4 to air supply)
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$ /NAMUR  $1/4$ "
  - Attachment to rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "



- Type 3962-XXX503XXXXXXX**
- 5/3-way function with spring-centered mid-position (2 and 4 vented)
  - $K_{vs}$  value 1.4
  - Connection G (NPT)  $1/4$ /NAMUR  $1/4$ "
  - Attachment to rotary actuators with NAMUR interface  $1/8$ " or  $1/4$ "

## Technical data

General data for pilot valve				
Type	3962-0	3962-4XXXXX0(1)	3962-4XXXXX2(3)	3962-9
Construction	Solenoid and seat valve with return spring			
Degree of protection	IP 65	IP 65	IP 65	IP 66
Material	Casting compound	Polyamide	Polyurethane	Polyurethane
	Enclosure	Polyamide, black	Polyamide and aluminum, powder coated, grayish-beige	Polyamide and aluminum, powder coated, grayish-beige
	Internal parts	Stainless steel and brass	Stainless steel and brass, nickel-plated	Stainless steel and brass, nickel-plated
	Screws	Steel, galvanized	Stainless steel	
	Gaskets	Fluoro rubber	Nitrile rubber	
Mounting position	As desired			
Switching cycles	$\geq 2 \times 10^7$			
Weight approx.	170 g	550 g	650 g	ca. 850 g

Electrical data for pilot valve without explosion protection				
Type	3962-03	3962-05	3962-06	3962-08
Nominal signal	$U_n$ 24 V DC ( $\pm 10\%$ )	230 V AC ( $\pm 10\%$ ), 50 ... 60 Hz	115 V AC ( $\pm 10\%$ ), 50 ... 60 Hz	24 V AC ( $\pm 10\%$ ), 50 ... 60 Hz
Power consumption	Pick-up	2.7 W	6.0 VA	6.0 VA
	Hold	2.7 W	3.7 VA	3.7 VA
Continuous duty	100%			
Ambient temperature	-20 ... +80 °C			
Connection	Connector according to EN 175301-803, form A			

Electrical data for pilot valve with type of protection "Increased safety" EEx em <sup>1</sup> )				
Type	3962-44	3962-47	3962-42	
Nominal signal	$U_n$ 230 V AC/DC (-15 ... +10%), 40 ... 65 Hz	115 V AC/DC (-15 ... +10%), 40 ... 65 Hz	24 V AC/DC (-15 ... +10%), 40 ... 65 Hz	
Power consumption	1.8 W			
Continuous duty	100%			
Ambient temperature in temperature class	T <sub>6</sub>	-20 ... +50 °C		
	T <sub>5</sub>	-20 ... +60 °C		
Connection	Cable gland M 20 × 1.5			

<sup>1)</sup> According to EC Type Examination Certificate PTB 02 ATEX 2125 X and Certificate of Conformity NEPSI GYJ071071X

Electrical data for pilot valve with type of protection "Flameproof enclosure" EEx d <sup>1</sup> )					
Type	3962-93	3962-95	3962-96	3962-98	
Nominal signal	$U_n$ 24 V DC ( $\pm 10\%$ )	230 V AC ( $\pm 10\%$ ), 50 ... 60 Hz	115 V AC ( $\pm 10\%$ ), 50 ... 60 Hz	24 V AC ( $\pm 10\%$ ), 50 ... 60 Hz	
Power consumption	Pick-up	3 W	10 VA	10 VA	
	Hold	3 W	9.5 VA	9.5 VA	
Continuous duty	100%				
Ambient temperature in temperature class (max. cable temperature)	T <sub>6</sub>	-10 ... +40 °C	-	-	
	T <sub>5</sub>	-10 ... +55 °C	-	-	
	T <sub>4</sub>	-10 ... +65 °C (105 °C) -10 ... +80 °C ( 85 °C)	-10 ... +40 °C (90 °C)	-10 ... +40 °C (90 °C)	-10 ... +40 °C (90 °C)
	T <sub>3</sub>	-	-10 ... +55 °C (105 °C)	-10 ... +55 °C (105 °C)	-10 ... +55 °C (105 °C)
Connection	Female thread M 20 × 1.5				

<sup>1)</sup> According to EC Type Examination Certificate BAS 02 ATEX 2145, Certificate of Conformity IECEx BAS 04.0028 and Certificate of Conformity CEP-EX-195/04

Pneumatic data for pilot valve				
Type	3962-0	3962-4	3962-9	
Air supply	Medium	Instrument air		
	Pressure	1.4 ... 10 bar	1.4 ... 8 bar	1.4 ... 8 bar
Output signal	Pressure of air supply			
Air consumption	No air consumption			
K <sub>vs</sub> value <sup>1)</sup>	0.06	0.05	0.05	
Switching time	10 ms	30 ms	30 ms	
Control connection	CNOMO interface			

<sup>1)</sup> Air flow at  $p_1 = 2.4$  bar and  $p_2 = 1.0$  bar can be calculated according to the following equation:  $Q = K_{vs} \times 36.22$ , expressed in m<sup>3</sup>/h

**Technical data** (continued from page 4)

<b>Booster valve with single actuation, <math>K_{vs}</math> value 4.3, with threaded connection</b>				
Switching function	3/2-way function	3/2-way function	5/2-way function	6/2-way function
$K_{vs}$ value <sup>1)</sup> (in direction of flow)	1.9 (4→3), 1.5 (3→4) 4.3 (3→5), 4.7 (5→3)	1.9 (4→3), 1.5 (3→4) 4.3 (3→5), 4.7 (5→3)	1.9 (4→3), 1.5 (3→4) 4.3 (3→5), 4.7 (5→3)	1.9 (4→3), 1.5 (3→4) 4.3 (3→5), 4.7 (5→3)
Ambient temperature <sup>2)</sup>	-20 ... +80 °C	-45 ... +80 °C	-20 ... +80 °C	-20 ... +80 °C
Construction	Seat valve with diaphragm element, soft-seated type, with return spring			
Material	Enclosure	GD AlSi 12, powder-coated, grayish-beige RAL 1019, Stainless steel 1.4404 (special version)		
	Diaphragm	Chloroprene rubber	Silicone rubber	Chloroprene rubber
	Gaskets	Chloroprene rubber	Silicone rubber	Chloroprene rubber
	Screws	Stainless steel 1.4571		
Actuation	Single actuated by one pilot valve			
Operating medium	Instrument air, free of corrosive particles, or nitrogen <sup>3)</sup> , Instrument air, free of corrosive particles, lubricated air or noncorrosive gases <sup>4)</sup>			
Operating pressure max. (in direction of flow)	10 bar (4→3, 3→5) 2 bar (as desired)	10 bar (4→3, 3→5) 2 bar (as desired)	10 bar (as desired) 2 bar (as desired)	10 bar (as desired) 2 bar (as desired)
Switching cycles (operating pressure)	$\geq 10^7$ ( 6 bar) $\geq 10^6$ (10 bar)	$\geq 10^6$ ( 6 bar) $\geq 10^5$ (10 bar)	$\geq 10^7$ ( 6 bar) $\geq 10^6$ (10 bar)	$\geq 10^7$ ( 6 bar) $\geq 10^6$ (10 bar)
Connection	G (NPT) $\frac{1}{2}$			
Weight approx.	585 g (standard version)		1 100 g (standard version)	

<b>Booster valve with single actuation, <math>K_{vs}</math> value 4.3, with NAMUR interface</b>		
Switching function	3/2-way function with exhaust feedback	
$K_{vs}$ value <sup>1)</sup> (in direction of flow)	1.9 (4→3) 4.3 (3→5)	1.9 (4→3) 4.3 (3→5)
Ambient temperature <sup>2)</sup>	-20 ... +80 °C	-45 ... +80 °C
Construction	Seat valve with diaphragm element, soft-seated type, with return spring	
Material	Enclosure	GD AlSi 12, powder-coated, grayish-beige RAL 1019, Stainless steel 1.4404 (special version)
	Diaphragm	Chloroprene rubber
	Gaskets	Chloroprene rubber
	Screws	Stainless steel 1.4571
Actuation	Single actuated by one pilot valve	
Operating medium	Instrument air, free of corrosive particles, or nitrogen <sup>3)</sup> , Instrument air, free of corrosive particles, lubricated air or noncorrosive gases <sup>4)</sup>	
Operating pressure max.	10 bar	
Switching cycles (operating pressure)	$\geq 10^7$ ( 6 bar) $\geq 10^6$ (10 bar)	$\geq 10^6$ ( 6 bar) $\geq 10^5$ (10 bar)
Connection	G (NPT) $\frac{1}{2}$ /NAMUR interface $\frac{1}{2}$ " <sup>5)</sup>	
Weight approx.	1 500 g (standard version)	

1) Air flow at  $p_1=2.4$  bar and  $p_2=1.0$  bar can be calculated according to the following equation:  $Q=K_{vs} \times 36.22$ , expressed in  $m^3/h$

2) The permissible maximum temperature of the solenoid valve depends on the permissible ambient temperature of the components, the type of protection and the temperature class

3) With internal air supply

4) With external air supply

5) NAMUR interface according to VDI/VDE 3845

**Technical data** (continued from page 5)

<b>Booster valve with single actuation, <math>K_{vs}</math> value 1.4, with threaded connection or NAMUR interface</b>	
Switching function	3/2-way function with exhaust feedback   5/2-way function
$K_{vs}$ value <sup>1)</sup>	1.4
Construction	Piston valve, metal-to-metal seating, without overlap, with return spring
Material	Enclosure: GD AlSi 12, powder-coated, grayish-beige RAL 1019, Stainless steel 1.4404 (special version)
	Gaskets: Silicone
	Filter: Polyethylene
	Screws: Stainless steel 1.4571
Actuation	Single actuated by one pilot valve
Operating medium	Instrument air, free of corrosive particles, or nitrogen <sup>2)</sup> , Instrument air, free of corrosive particles, lubricated air or noncorrosive gases <sup>3)</sup>
Operating pressure max.	6 bar <sup>2)</sup> or 10 bar <sup>3)</sup>
Ambient temperature <sup>4)</sup>	-45 ... +80 °C
Switching cycles	$\geq 2 \times 10^7$
Connection	G (NPT) 1/4 or NAMUR interface 1/4" <sup>5)</sup>
Weight approx.	485 g (standard version)

<b>Booster valve with double actuation, <math>K_{vs}</math> value 1.4, with threaded connection or NAMUR interface</b>				
Switching function	5/2-way function with two locking positions	5/3-way function with spring-centered mid-position (2 and 4 closed)	5/3-way function with spring-centered mid-position (2 and 4 vented)	5/3-way function with spring-centered mid-position (2 and 4 to air supply)
$K_{vs}$ value <sup>1)</sup>	1.4			
Construction	Piston valve, metal-to-metal seating, without overlap			
Material	Enclosure: GD AlSi 12, powder-coated, grayish-beige RAL 1019, Stainless steel 1.4404 (special version)			
	Gaskets: Silicone			
	Filter: Polyethylene			
	Screws: Stainless steel 1.4571			
Actuation	Double actuated by two pilot valves			
Operating medium	Instrument air, free of corrosive particles, or nitrogen <sup>2)</sup> , Instrument air, free of corrosive particles, lubricated air or noncorrosive gases <sup>3)</sup>			
Operating pressure max.	6 bar <sup>2)</sup> or 10 bar <sup>3)</sup>			
Ambient temperature <sup>4)</sup>	-45 ... +80 °C			
Switching cycles	$\geq 2 \times 10^7$			
Connection	G (NPT) 1/4 or NAMUR interface 1/4" <sup>5)</sup>			
Weight approx.	685 g (standard version)			

<sup>1)</sup> Air flow at  $p_1=2.4$  bar and  $p_2=1.0$  bar can be calculated according to the following equation:  $Q=K_{vs} \times 36.22$ , expressed in  $m^3/h$

<sup>2)</sup> With internal air supply

<sup>3)</sup> With external air supply

<sup>4)</sup> The permissible maximum temperature of the solenoid valve depends on the permissible ambient temperature of the components, the type of protection and the temperature class

<sup>5)</sup> NAMUR interface according to VDI/VDE 3845



## Spare parts and accessories

Spare parts for pilot valves	
Order no.	Designation
8502-1091	Molded gasket (for air supply on booster valve with $K_{vs}$ value 1.4)
0520-0620	Diaphragm made of chloroprene rubber, $-20$ to $+80$ °C (for booster valve with $K_{vs}$ value 4.3)
0520-0622	Diaphragm made of chloroprene rubber, $-20$ to $+80$ °C (for booster valve with $K_{vs}$ value 1.4)
0520-1097	Diaphragm made of silicone rubber, $-45$ to $+80$ °C (for booster valve with $K_{vs}$ value 4.3)
0520-1128	Diaphragm made of silicone rubber, $-45$ to $+80$ °C (for booster valve with $K_{vs}$ value 1.4)
1180-8311	Actuating element insert, $-20$ to $+80$ °C (for booster valve with $K_{vs}$ value 4.3)
1180-8553	Actuating element insert, $-45$ to $+80$ °C (for booster valve with $K_{vs}$ value 4.3)
8421-0044	O-ring $2.9 \times 1.78$ (for connection plate with CNOMO interface)
8421-9002	O-ring $16 \times 2$ (for booster valve with NAMUR interface $1/4''$ )
8421-0407	O-ring $26 \times 3$ (for booster valve with NAMUR interface $1/2''$ )
8421-0085	O-ring $26 \times 2$ , $-20$ ... $+80$ °C (for booster valve with $K_{vs}$ value 4.3)
8421-0418	O-ring $26 \times 2$ , $-45$ ... $+80$ °C (for booster valve with $K_{vs}$ value 4.3)
8421-0102	O-ring $36 \times 2$ , $-20$ ... $+80$ °C (for booster valve with $K_{vs}$ value 4.3)
8421-0101	O-ring $36 \times 2$ , $-45$ ... $+80$ °C (for booster valve with $K_{vs}$ value 4.3)

Accessories for pilot valves	
Order no.	Designation
0790-6658	Female connector according to EN 175301-803, form A, made of polyamide, black, degree of protection IP 65, with cable gland Pg 9 (for cable diameter 4 to 8 mm) and flat gasket made of nitrile rubber
8834-0388	Luminary gasket, 12 to 24 V AC/DC, with LED, green (for female connector according to EN 175301-803, form A)
8808-0200	EEx d cable gland M 20 $\times$ 1.5 made of brass (for cable diameter 6.5 to 14 mm)
8324-1280	Filter made of polyethylene, connection M 5, degree of protection IP 54
1790-7408	Filter check valve with screw-in case G $1/4$ , made of polyamide, degree of protection IP 65
1790-7253	Filter check valve with screw-in case G $1/4$ , made of stainless steel 1.4305, degree of protection IP 65
1790-9645	Filter check valve with screw-in case G $1/4$ , made of polyamide, degree of protection NEMA 4
1790-9646	Filter check valve with screw-in case G $1/4$ , made of stainless steel 1.4305, degree of protection NEMA 4

Mounting kits for solenoid valves with threaded connection	
Order no.	Designation
1400-6759	Mounting kit for linear actuators (actuator size 80/240 cm <sup>2</sup> , connection G $1/4$ ) with screwed pipe connection, connection G $1/4$ /G $1/4$ , made of stainless steel
1400-6735	Mounting kit for linear actuators (actuator size 350/700 cm <sup>2</sup> , connection G $3/8$ ) with screwed pipe connection, connection G $1/2$ /G $3/8$ , made of stainless steel
1400-6761	Mounting kit for linear actuators (actuator size 350/700 cm <sup>2</sup> , connection G $3/8$ ) with screwed pipe connection, connection G $1/4$ /G $3/8$ , made of stainless steel
1400-6736	Mounting kit for linear actuators (actuator size 1 400 cm <sup>2</sup> , connection G $3/4$ ) with screwed pipe connection, connection G $1/2$ /G $3/4$ , made of stainless steel
1400-6737	Mounting kit for linear actuators (actuator size 2 800 cm <sup>2</sup> , connection G 1) with screwed pipe connection, connection G $1/2$ /G 1, made of stainless steel
1400-6749	Mounting kit for linear actuators (actuator size 80/240 cm <sup>2</sup> , connection G $1/4$ ) with bracket made of stainless steel
1400-6750	and screwed joints for pipe 8 $\times$ 1, connection G $1/4$ /G $1/4$ , made of steel, galvanized and screwed joints for pipe 8 $\times$ 1, connection G $1/4$ /G $1/4$ , made of stainless steel
1400-6738	Mounting kit for linear actuators (actuator size 350/700 cm <sup>2</sup> , connection G $3/8$ ) with bracket made of stainless steel
1400-6739	and screwed joints for pipe 8 $\times$ 1, connection G $1/4$ /G $3/8$ , made of steel, galvanized
1400-6743	and screwed joints for pipe 8 $\times$ 1, connection G $1/4$ /G $3/8$ , made of stainless steel
1400-6744	and screwed joints for pipe 12 $\times$ 1, connection G $1/4$ /G $3/8$ , made of stainless steel
1400-6745	and screwed joints for pipe 10 $\times$ 1, connection G $1/2$ /G $3/8$ , made of polyamide and screwed joints for pipe 10 $\times$ 1, connection G $1/4$ /G $3/8$ , made of polyamide
1400-6740	Mounting kit for linear actuators (actuator size 700 cm <sup>2</sup> , connection G $3/8$ ) with bracket made of stainless steel
1400-6741	and screwed joints for pipe 12 $\times$ 1, connection G $1/2$ /G $3/8$ , made of steel, galvanized
1400-6742	and screwed joints for pipe 12 $\times$ 1, connection G $1/4$ /G $3/8$ , made of steel, galvanized and screwed joints for pipe 12 $\times$ 1, connection G $1/2$ /G $3/8$ , made of stainless steel

**Spare parts and accessories** (continued from page 8)

<b>Mounting kits for solenoid valves with NAMUR interface</b>	
<b>Order no.</b>	<b>Designation</b>
<b>1400-6746</b>	Mounting kit for linear actuators (actuator size 350/700 cm <sup>2</sup> , connection G 3/8) with NAMUR rib via adapter plate NAMUR rib/NAMUR interface (order no. 1400-6751) with screwed joints for pipe 12 × 1, connection G 1/4/G 3/8, made of steel, galvanized
<b>1400-6747</b>	
<b>1400-6748</b>	
<b>1400-6752</b>	Mounting kit for linear actuators (actuator size 80/240 cm <sup>2</sup> , connection G 1/4) with NAMUR rib via adapter plate NAMUR rib/NAMUR interface (order no. 1400-6751) with screwed joints for pipe 6 × 1, connection G 1/4/G 1/4, made of steel, galvanized
<b>1400-6753</b>	
<b>1400-6756</b>	
<b>1400-6754</b>	Mounting kit for linear actuators (actuator size 350/700 cm <sup>2</sup> , connection G 3/8) with NAMUR rib via adapter plate NAMUR rib/NAMUR interface (order no. 1400-6751) with screwed joints for pipe 8 × 1, connection G 1/4/G 3/8, made of steel, galvanized
<b>1400-6755</b>	
<b>1400-6757</b>	
<b>1400-6759</b>	Mounting kit for linear actuators (actuator size 80/240 cm <sup>2</sup> , connection G 1/4) with screwed pipe connection G 1/4/G 1/4, made of stainless steel
<b>1400-3001</b>	Mounting kit for Type 3353 Angle Seat Valve with adapter plate for NAMUR interface made of stainless steel 1.4301

<b>Accessories for mounting kits</b>	
<b>Order no.</b>	<b>Designation</b>
<b>0320-1416</b>	Bracket for NAMUR rib (required when a positioner or a limit switch is to be mounted to linear actuators with nominal size < DN 50 at the same time)
<b>8320-0131</b>	Hexagon socket head screw M 8 × 60 – A 4 DIN 931
<b>1400-6751</b>	Adapter plate NAMUR rib/NAMUR interface 1/4"

(Specifications subject to change without notice.)

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