

# COILS AND ACCESSORIES

## Product Index



Products	pipe connections										Type	Illustration	Series	Page		
	□ - instant fittings O.D. (mm) ■ - internal thread ØG															
	□		ØG													
4	6	8	10	12	M5	1/8	1/4	3/8	1/2	3/4	1					
<b>Pneumatic accessories <sup>(1)</sup></b>																
Panel-mounted in-line flow regulator					■	■	■	■	■	■						
Banjo flow regulator	□	□	□		■	■	■	■	■					plastic	346	1
						■	■	■						metal		
Flow regulator silencer						■	■									
Exhaust regulator with integrated silencer						■	■	■	■							
Silencer						■	■	■	■	■	■			plastic or metal	346	3
Exhaust protector						■	■	■	■	■	■			metal		
Shuttle valve						■	■									
Non-return valve	□	□												plastic	346	3
						■	■	■	■					metal		
Quick exhaust valve							■	■	■	■						

<sup>(1)</sup> For equivalence between accessory and cylinder sizes, see page III

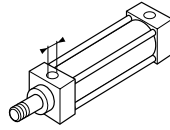
product	pipe connections														type	illustration	series	page		
	3	4	6..12	M3	M5	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2..2	pad mount						
<b>Pneumatic accessories <sup>(1)</sup></b>																				
t																red green yellow		<a href="#">346</a>	<b>3</b>	
High flow air silencer																		<a href="#">SEHB</a>	<b>5</b>	
Exhaust silencer filter																		<a href="#">346</a>	<b>7</b>	
Exhaust coalescing filter and silencer																		<a href="#">H30</a> <a href="#">H40</a>	<b>8</b>	
Orientable cylinder blocking fittings																		<a href="#">346</a>	<b>9</b>	
Pilot operated check valve																		<a href="#">NCP PG</a> <a href="#">NCP GG</a>	<b>10</b>	
Quick exhaust valve																		<a href="#">SEV</a>	<b>11</b>	
Electronic multimer with adjustable pulses																		<a href="#">881</a>	<b>13</b>	
Pneumatic timer																		<a href="#">333</a> <a href="#">346</a>	<b>(2)</b>	
Adjustable pressure switch with or without status indication and protection																		<a href="#">349</a>	<b>15</b>	
Pressure switch (setting range up to 50 bar)																		<a href="#">349</a>	<b>16</b>	
Electronic pressure switch																		<a href="#">349</a>	<b>17</b>	
Pneumatic-electric interface																		<a href="#">304</a>	<b>19</b>	
Micro pressure regulator																Micro 10		<a href="#">342</a>	<b>21</b>	
Pressure gauge (Ø 40 mm)																		<a href="#">343</a>	<b>21</b>	
Micro flowrate reducing valve																Micro 10		<a href="#">346</a>	<b>21</b>	
Push-in, threaded or hose connectors																	Micro 10		<a href="#">346</a>	<b>22</b>

<sup>(1)</sup> For equivalence between accessory and cylinder sizes, see page III

<sup>(2)</sup> See "Pneumatic Automation" section.

**PNEUMATIC CYLINDER PORT DIAMETERS**

The following table will enable you to select the correct size of the pneumatic accessories for direct fitting to the cylinder ports (banjo flow regulator, orientable cylinder blocking fitting).



type	series	cylinder bore (mm)																		
		6	8	10	12	16	18	20	22	25	32	40	50	63	80	100	125	160	200	250
E	<a href="#">429</a>	*	-	*	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	<a href="#">441</a>	-	M5	M5	M5	M5	-	M5	-	M5	1/8	1/8	1/8	1/8	1/8	1/8	-	-	-	-
-	<a href="#">435</a>	-	M5	M5	M5	M5	-	1/8	-	1/8	-	-	-	-	-	-	-	-	-	-
-	<a href="#">438</a>	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	-	-	-	-	-	-	-
-	<a href="#">449</a>	-	-	-	-	-	-	M5	-	M5	1/8	1/8	1/8	1/8	1/8	1/8	-	-	-	-
-	<a href="#">453</a>	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	3/8	1/2	-	-	-	-	-
-	<a href="#">454</a>	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	3/8	1/2	-	-	-	-	-
-	<a href="#">450</a>	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	3/8	1/2	1/2	3/4	3/4	-	-
PIS	436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
PCN	<a href="#">437</a>	-	-	-	-	-	-	-	-	1/8	1/8	1/4	1/4	3/8	3/8	1/2	1/2	3/4	3/4	-
-	<a href="#">431</a>	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	3/8	-	-	-	-	-	-
-	<a href="#">S</a>	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	3/8	1/2	1/2	-	-	-	-
<a href="#">STN</a>	445	M5	-	M5	-	M5	-	1/8	-	1/8	1/8	1/4	-	-	-	-	-	-	-	-
<a href="#">STG</a>	445	M5	-	M5	-	M5	-	1/8	-	1/8	1/8	1/4	-	-	-	-	-	-	-	-
<a href="#">STB</a>	446	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	3/8	-	-	-	-	-	-
<a href="#">STBN</a>	446	-	-	-	-	M5	-	-	-	1/8	1/4	1/4	3/8	1/2	-	-	-	-	-	-
<a href="#">STB</a>	448	-	-	-	-	M5	-	-	-	1/8	1/4	1/4	3/8	1/2	-	-	-	-	-	-
<a href="#">STB (with passive brake)</a>	448	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	1/2	-	-	-	-	-	-
<a href="#">STBB</a>	448	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	1/2	-	-	-	-	-	-
<a href="#">STBB (with passive brake)</a>	448	-	-	-	-	-	-	-	-	1/8	1/4	1/4	3/8	1/2	-	-	-	-	-	-
-	<a href="#">CGT</a>	-	-	-	-	M5	-	1/8	-	1/8	1/8	1/4	1/4	-	-	-	-	-	-	-
<a href="#">P2L - P2B</a>	447	-	-	-	-	M5	-	M5	-	M5	1/8	-	-	-	-	-	-	-	-	-
<a href="#">R</a>	429	-	-	-	M5	-	-	M5	-	-	-	-	-	-	-	-	-	-	-	-
<a href="#">RS</a>	429	-	-	-	-	M5	M5	-	M5	-	-	-	-	-	-	-	-	-	-	-

\* hose connections

description	illustration	series	page
<b>Coils and solenoid operators</b>			
Replacement coils		400 430	IV
<b>Connectors</b>			
Electrical connectors EN 175301-803, industry standard form B (11 mm, size 22) ISO 4400 / EN 175301-803, form A (18 mm, size 30)		<a href="#">881</a>	25
EN 175301-803, industry standard form C (9,4 mm, size 15) EN 175301-803, form C (8 mm, size 15)		<a href="#">881</a>	27
Visual indication (LED) and electrical protection module (size 15)		<a href="#">881</a>	29
ISO 4400 / EN 175301-803, form A (size 30) with protection by TRANSIL and LED display		<a href="#">881</a>	31

00219GB-2017/R01  
Availability, design and specifications are subject to change without notice. All rights reserved.

## COIL CHARACTERISTICS

All coils are designed to operate at 15% or 10% below the nominal voltage (Un) and at 10% above the nominal voltage (Un). [Applicable standards: IEC 335, EN 60730- 1, UL 429]

The coils are rated for continuous duty within the maximum ambient temperature limits (100% ED).

## CATALOGUE NUMBERS OF REPLACEMENT COILS

solenoid valve series	coil type	alternating current , AC (~) 50 Hz					direct current , DC (=)			
		24V	48V	115V	230V	240V	12V	24V	48V	110V
189	C22A - 2,5 W	43004416 (♣)	43004417 (♣)	43004419 (♣)	43004422 (♣)	43004423 (♣)	43004149	43004166	43004167	43004168
	C22 - 2,5 W (M12)	-	-	-	-	-	-	43005523	-	-
189	CM22 - 2,5 W	43004878 (♣)	43004879 (♣)	43004884 (♣)	43004886 (♣)	43004887 (♣)	43004867	43004869	43004873	43004875
189 banjo 551	CM22 <sup>(1)</sup> - 2,5/3W	400127-081 (♣)	400127-085 (♣)	400127-098 (115V/60-120V/60)	400127-097 (♣)	400127-091 (♣)	400904-541	400904-542	400904-544	400904-548
356 (1/8)	CM22-4W/6,9W F	400127-181 (♣)	400127-185 (♣)	400127-181 (115V/60-120V/60)	400127-197 (♣)	-	400127-141	400127-142	400127-144	400127-148
356 (1/4)	CM25-5W/6,9W F	400727-181 (♣)	400727-185 (♣)	400727-118 (115V/50)	400727-117 (130V/50)	-	400727-181	400727-185	400727-118	400727-117
190	C25A - 3W	43004469	43004473	43004471	43004472	-	43004469	43004473	43004471	43004472
	C25 - 3 W (M12)	-	-	-	-	-	-	43005525	-	-
192	C30A	43005604 (♣)	43005611	43005617 (115V/60-120V/60)	43005627	-	-	43005642	-	-
	C30 (M12)	-	-	-	-	-	-	43005664	-	-

<sup>(1)</sup> For high reliability in humid exterior environments

(♣) Bifrequency 50/60 Hz.

CM22-4/6,9W COIL with connector Example: series 551, 356	C22 COIL with M12 connection Example: series 189	CM25-5/6,9W COIL with connector Example: series 238, 356 1/4	C25 COIL with M12 connection Example: series 190	C30A COIL with connector Example: series 192	C30 COIL with M12 connector Example: series 192