

FESTO

Festo Essentials

Featuring products from the Festo ★ Core Program

Readily available • Quick delivery • Great value



Your first choice products for simple, cost-effective pneumatic control

**Mini slide
DGST**



**Guided drive
DFM**



**Compact cylinder
ADN-S**



**Electronic proximity
switch SDBT-MSX**



Compact, yet big on performance and precision

A real space-saver: the compact and short slide unit features integrated cushioning components and sensor mounts. The mini slide delivers maximum precision across the entire stroke thanks to the combination of yoke and slide in one part and the recirculating ball bearing guide underneath it. The large range of cushioning options together with the use of position transmitters opens up numerous applications.

A true guiding light!

Robustness is the name of the game with the DFM. This impressive guided drive has the best price/performance ratio in the market and offers optimum guide characteristics, sturdiness and flexibility. It is reliable, adaptable and resilient – even with high torques. The combination of linear drive and powerful guide in a compact unit means that the DFM can reliably move high loads, even in tight spaces.

Areas of application

- Pick and place handling
- Precise positioning and press-fitting.
- Ideal for electronics and light assembly machine building industries.

Areas of application

- Excellent operational stability compared to standard drives.
- High resistance to torques and lateral forces.
- Good for tasks involving clamping, stopping, pushing, pulling, restraining, holding, cutting, stopping and separating.

The ultra compact short stroke cylinder

The compact cylinder series ADN-S is optimized in terms of installation space. Its strong point is its design, which is ideal for simple pressing and holding functions in relatively clean environments. In particular, the space-optimized overall size is perfect for the electronics industry and small parts assembly, where design focus is on compact machines.

The programmable proximity switch with auto teach-in

The first proximity switch with automatic switching point setting makes commissioning easier than ever before. With its detection range of 20 mm, it is easy and reliable to install, especially in applications where mounting is difficult. SDBT-MSX is ideal for all standard applications, especially in factory automation and the electronics industry/ small parts handling.

Areas of application

- End position feedback.
- Hard to reach or limited space installation.
- 100% compatible with drives with T-slot (DSBC, DFM, DSNU/S, ADN/S, DGST).

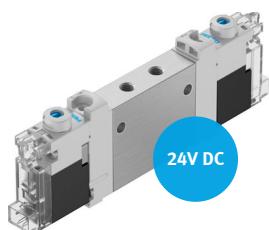
The hallmarks of Festo products:

- Well designed
- Built-in reliability
- Easy to install
- Superb quality
- Quick delivery



Everyday products for everyday standard tasks. These products are designed to offer high functionality and compactness at the same high quality you expect from Festo for users looking for simple, cost-effective pneumatic control. This select range of products includes compact and robust valves, guided and mini slide units, compact cylinders, regulators, filter regulators and tubing. And they each form part of the Festo core range - take advantage of products which offer shorter delivery times and competitive prices from one single source supplier.

Compact valve VUVG-S



Get more power from a smaller design

Compact, inexpensive, high performance and installed in a flash. They're the perfect choice for all high-speed applications requiring a particularly high flow rate combined with a compact size. They offer essential features at an attractive price with the proven Festo quality.

High flow valve VUVS-S



The robust valve for harsh environments

High flow rate and elegant design. This series is a perfect example of heavy-duty pneumatics offering reliable operation at a great price. Combines features required for operation in harsh environments such as impact resistance, ease of installation, and mounting options, including manifolds.

Regulators & filter/ regulators MS-B Basic



Light weight, compact and incredibly powerful

Advanced polymer materials make these compressed air regulators and filter-regulators up to 50% lighter than competitive products and just as robust. This optimized design combines very high flow rates with extremely stable pressure control behavior ensuring smooth processes. These powerful, lightweight, and cost-efficient components are ideal for use directly in a machine which favors application in the electronics industry.

Polyurethane tube PUN-H



Detect solid particles, moisture or oil in the line

PUN-H is the go-to-tube for a wide variety of applications including the exposure to wet environments, humidity and even outside thanks to its corrosion resistant properties. Combined with its high kink resistance, it's the ideal choice when selecting tubing for uninterrupted and reliable air supply. Thanks to its high quality base material, it is suitable for use both in the food industry and outdoors. Both transparent and non-transparent colors are available.

Areas of application

- Designed for small to medium flow.
- Perfect for limited space requirements.
- Suitable for majority of applications including: electronics, food and end line packaging, textile, mobile applications, light assembly, conveyor systems.
- The lightweight aluminum housing is ideal for direct mounting on robot arms or cylinders.

Areas of application

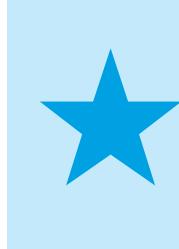
- Single installations.
- Conveyor divertors and stops.
- Suitable for manifold mounting.
- Basic valves with focused features for 24V DC.
- Designed for medium to large flows.

Areas of application

- End of arm tooling, small parts assembly within the electronics industry.
- Where space restraints exist.
- Designed to bring the control closer to the process for optimized machine performance.

Areas of application

- General pneumatic automation.
- Applications within the food zone thanks to FDA compliant material.
- Environments with high moisture levels, weather resistant and resistance to UV radiation (black color).



Core Range

A star, a distinction, a promise: the best for your task. With the Festo core range, you can choose from an extensive portfolio and benefit from high-quality components at particularly attractive prices.

★ Available for delivery in 5 days or less

Your first choice products for simple, cost-effective pneumatic control

Flow Control VFOE



Big in performance, small in size

Compact machines require compact components. The new VFOE adjustable one-way flow control valve, with push-to-lock adjustment feature, is perfect for applications requiring compact components. Additionally, the VFOE has many variants, easy commissioning, extremely light weight and attractively priced. So many benefits in such a small package.

Round cylinder DSNU-S and DSNU-ISO



Round cylinders ideal for small spaces

ISO standards-based DSNU or the smaller and even slimmer DSNU-S? The round cylinder DSNU is always a solid choice when it comes to performance and compact dimensions. Its universal variants make it ideal in applications where low friction, chemical resistance or corrosion resistance are required.

When space is tight, the DSNU-S, our counterpart to the standards based cylinder, is an even slimmer and shorter variant for even greater space savings.

Both are available with self-adjusting pneumatic end-position cushioning which adapts optimally to changes in load and speed.

Areas of application

- Where controlling cylinder speed is essential to the application.
- Installation in tight spaces, e.g. in the electronics industry.
- Any standard application within the pneumatic automation industry.

Round inch cylinder DPRA



Direct interchangeability with common inch round-body cylinders

The DPRA is Festo's direct interchange inch round-body pneumatic cylinder. Superior performance due to 303 stainless steel piston rod and 304 stainless housing providing corrosion resistance, low friction and long life. Oil-impregnated piston rod bushing and low friction U-cup seals create a pneumatic cylinder with efficient performance, superior service life and reliability. Premium lubrication provides excellent running characteristics and outstanding efficiency.

Areas of application

- Linear, short to medium stroke movements.
- Pushing or pulling with minimal lateral loads.
- DSNU provides direct interchange other round cylinder meeting the ISO 6432 norm.
- DSNU-S is Ideal for use in tight spaces with direct mounting.

Areas of application

- Offers direct interchangeability within the product classification of non-repairable round-body cylinders.
- Optional high temperature and low temperature seals are available for special environments.
- An extensive range of variants and mounting accessories for most applications.

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Compact inch cylinder DPCA



Fits to tight spaces, ideal for clamping and holding

Robust construction due to high quality, solid aluminum construction. The smooth, cylindrical body with protective clear anodized coating enables superior corrosion resistance. Premium lubrication provides excellent running characteristics and outstanding efficiency. Self-lubricating piston rod bearing and internally lubricated seals enables superior service life and reliability. Offers an extensive range of variants and mounting accessories for most applications.

Areas of application

- Self-lubricating piston rod bearing and internally lubricated seals enables superior service life and reliability.
- Available in a wide range of bore sizes from 1/2" to 4", and stroke lengths up to 4" as standard.
- Unique adjustable stroke version enables manual and precise stroke adjustment.
- An extensive range of variants and mounting accessories for most applications.

Compact inch cylinder DPCB



Superior reliability and service life

Superior performance due to high strength composite cylinder barrel with exceptional low friction and heat reducing operation. Captive rod seals and rod bearing allow for hassle-free operation, and premium lubrication provides excellent running characteristics and outstanding efficiency. The robust construction with clear anodized aluminum heads, stainless steel tie rods and hard chrome piston rods provide a durable cylinder for many applications.

Areas of application

- DPCB offers direct interchangeability within the product classification of compact pancake cylinders.
- Available in a wide range of bore sizes from 1/2" to 4", and stroke lengths, up to 4" as standard.
- An extensive range of variants and mounting accessories for most applications.
- CAD models for easier and faster design.

NFPA cylinder DSNA



The corrosion resistant and robust design make it an ideal choice

Repairable, pneumatic cylinder conforming to NFPA interchange dimensions. The cost-optimized design makes this an ideal choice for OEM machinery manufacturers. Sturdy construction with stainless steel tie-rods makes this cylinder highly suitable for industries like construction, agriculture, packaging and the automotive industry.

Areas of application

- Direct interchangeability with NFPA cylinders.
- Available in a range of bore sizes from 1.5" to 6".
- Corrosion resistant construction and special rod bushing make it suitable for harsh environments and high workload applications like stamping, construction and packaging.

NFPA cylinder DSNB



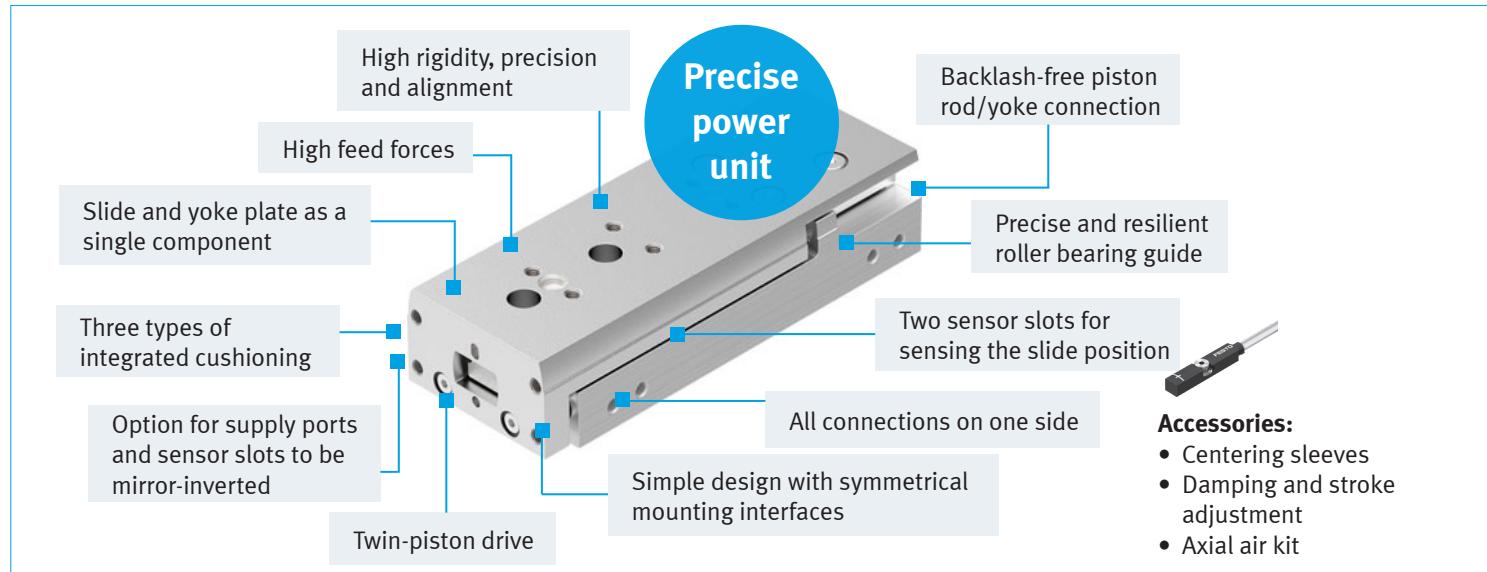
Robust construction with comprehensive product range

Pneumatic tie-rod cylinder conforming to NFPA interchange dimensions. The robust construction with a high strength steel, hard chrome-plated piston rod, large composite rod bearing, and a solid aluminum piston with PTFE wear band make it suitable for high workload applications. Polyurethane seals, premium lubrication and hard anodized cylinder ID provide excellent running characteristics, superior service life and reliability.

Areas of application

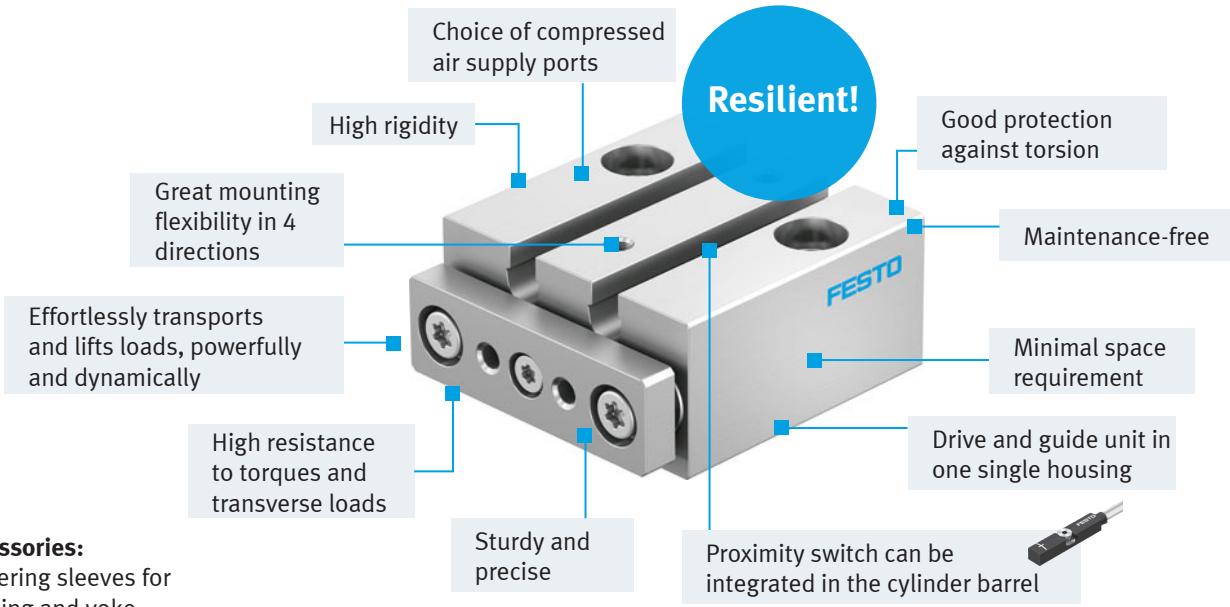
- Direct interchangeability with NFPA cylinders.
- Available in a range of bore sizes from 1.5" to 6".
- Comprehensive range of mounting styles and options.
- Ability to be customized to meet unique application requirements.

Compact mini slide - DGST



Size [mm]	6	8	10	12	16	20	25
Stroke [mm]	Cushioning E1: Elastic cushioning at both ends, no end-position adjustment						
10	8078828 ★	8078833 ★	8078839 ★	8078846 ★	8078853 ★	8078862 ★	8078872 ★
20	8078829 ★	8078834 ★	8078840 ★	8078847 ★	8078854 ★	8078863 ★	8078873 ★
30	8078830 ★	8078835 ★	8078841 ★	8078848 ★	8078855 ★	8078864 ★	8078874 ★
40	8078831 ★	8078836 ★	8078842 ★	8078849 ★	8078856 ★	8078865 ★	8078875 ★
50	8078832 ★	8078837 ★	8078843 ★	8078850 ★	8078857 ★	8078866 ★	8078876 ★
80		8078838 ★	8078844 ★	8078851 ★	8078858 ★	8078867 ★	8078877 ★
100			8078845 ★	8078852 ★	8078859 ★	8078868 ★	8078878 ★
125					8078860 ★	8078869 ★	8078879 ★
150					8078861 ★	8078870 ★	8078880 ★
200						8078871 ★	8078881 ★
Stroke [mm]	Cushioning P: Elastic cushioning at both ends, non-adjustable, with end-position adjustment						
10	8085105 ★	8085110 ★	8085116 ★	8085123 ★	8085130 ★	8085139 ★	8085149 ★
20	8085106 ★	8085111 ★	8085117 ★	8085124 ★	8085131 ★	8085140 ★	8085150 ★
30	8085107 ★	8085112 ★	8085118 ★	8085125 ★	8085132 ★	8085141 ★	8085151 ★
40	8085108 ★	8085113 ★	8085119 ★	8085126 ★	8085133 ★	8085142 ★	8085152 ★
50	8085109 ★	8085114 ★	8085120 ★	8085127 ★	8085134 ★	8085143 ★	8085153 ★
80		8085115 ★	8085121 ★	8085128 ★	8085135 ★	8085144 ★	8085154 ★
100			8085122 ★	8085129 ★	8085136 ★	8085145 ★	8085155 ★
125					8085137 ★	8085146 ★	8085156 ★
150					8085138 ★	8085147 ★	8085157 ★
200						8085148 ★	8085158 ★
Stroke [mm]	Cushioning Y12: Shock absorbers at both ends, self-adjusting, with end-position adjustment						
30	8085159 ★	8085162 ★	8085166 ★	8085171 ★	8085176 ★	8085183 ★	8085191 ★
40	8085160 ★	8085163 ★	8085167 ★	8085172 ★	8085177 ★	8085184 ★	8085192 ★
50	8085161 ★	8085164 ★	8085168 ★	8085173 ★	8085178 ★	8085185 ★	8085193 ★
80		8085165 ★	8085169 ★	8085174 ★	8085179 ★	8085186 ★	8085194 ★
100			8085170 ★	8085175 ★	8085180 ★	8085187 ★	8085195 ★
125					8085181 ★	8085188 ★	8085196 ★
150					8085182 ★	8085189 ★	8085197 ★
200						8085190 ★	8085198 ★

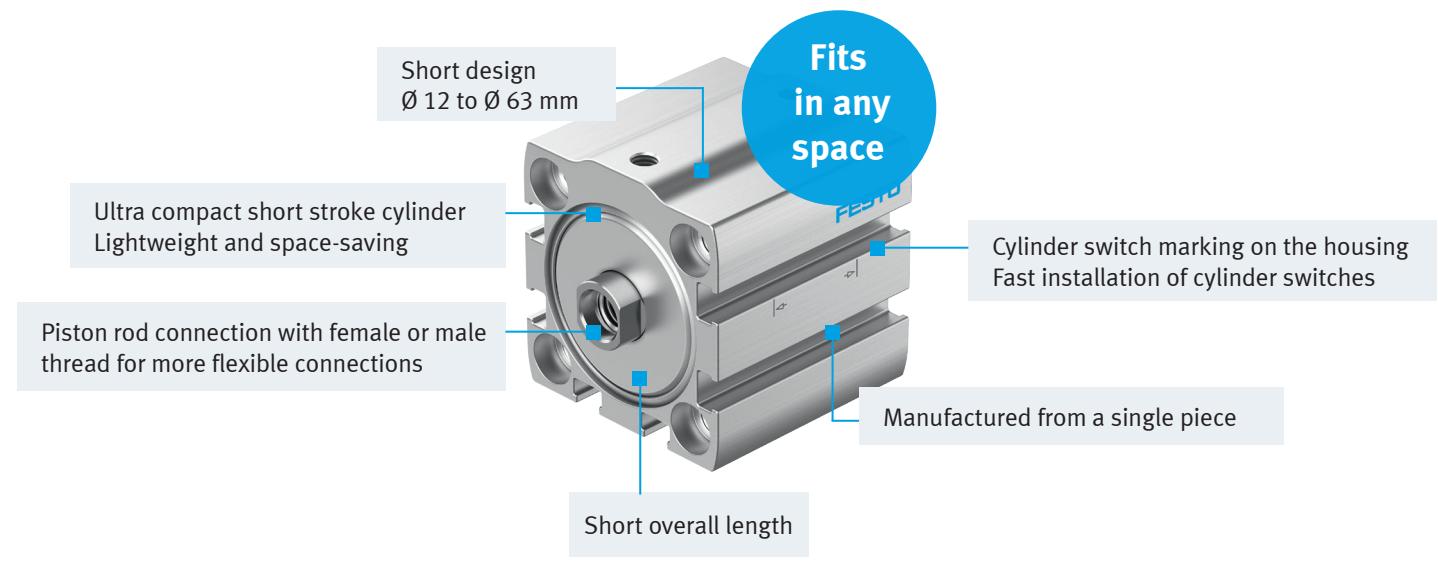
Guided drive - DFM



Piston	6	10	12	16	20	25	32	40	50	63
Port	M3			M5			G1/8			G1/4
Stroke [mm]	Plain-bearing guide GF - high rigidity thanks to large-diameter guide rods and four plain-bearing bushes									
5	4149944 ★	4154768 ★								
10	4149945 ★	4154769 ★	170824 ★	170832 ★						
15	4149946 ★	4154770 ★								
20	4149947 ★	4154799 ★	170825 ★	170833 ★	170840 ★	170847 ★	170854 ★			
25			170826 ★	170834 ★	170841 ★	170848 ★	170855 ★	170864 ★	170871 ★	170878 ★
30			170827 ★	170835 ★	170842 ★	170849 ★	170856 ★			
40			170828 ★	170836 ★	170843 ★	170850 ★	170857 ★			
50			170829 ★	170837 ★	170844 ★	170851 ★	170858 ★	170865 ★	170872 ★	170879 ★
80			170830 ★	170838 ★	170845 ★	170852 ★	170859 ★	170866 ★	170873 ★	170880 ★
100			170831 ★	170839 ★	170846 ★	170853 ★	170860 ★	170867 ★	170874 ★	170881 ★
125							170861 ★	170868 ★	170875 ★	170882 ★
160							170862 ★	170869 ★	170876 ★	170883 ★
200							170863 ★	170870 ★	170877 ★	170884 ★
Stroke [mm]	Recirculating ball bearing guide KF for applications involving torque loads									
10			170899 ★	170907 ★						
20			170900 ★	170908 ★	170915 ★	170922 ★	170929 ★			
25			170901 ★	170909 ★	170916 ★	170923 ★	170930 ★	170939 ★	170946 ★	170953 ★
30			170902 ★	170910 ★	170917 ★	170924 ★	170931 ★			
40			170903 ★	170911 ★	170918 ★	170925 ★	170932 ★			
50			170904 ★	170912 ★	170919 ★	170926 ★	170933 ★	170940 ★	170947 ★	170954 ★
80			170905 ★	170913 ★	170920 ★	170927 ★	170934 ★	170941 ★	170948 ★	170955 ★
100			170906 ★	170914 ★	170921 ★	170928 ★	170935 ★	170942 ★	170949 ★	170956 ★
125							170936 ★	170943 ★	170950 ★	170957 ★
160							170937 ★	170944 ★	170951 ★	170958 ★
200							170938 ★	170945 ★	170952 ★	170959 ★

Note: Piston sizes also available in 80 and 100mm bore. Please refer to the online catalog → www.festo.com/catalog/dfm

Compact cylinders - ADN-S/AEN-S



Ordering – small sizes (Ø 6 mm/10 mm)

003 Piston Ø [mm]				ADN-S-6...		ADN-S-10...	
				004 Stroke [mm]		004 Stroke [mm]	
005	006	007	008	5	10	5	10
A	-	-	-	8080598	8080596	8080589	8080588
A	-	A	-	8080597	8080595	8080587	8080590
I	-	-	-	4886885 ★	4886886 ★	4887523 ★	4887524 ★
I	-	A	-	5173732 ★	5173733 ★	5177082 ★	5177085 ★

005 Piston rod thread	006 Cushioning	007 Position sensing
A: Male thread I: Female thread	-: Without P: Elastic cush. rings	-: Without A: Via proximity sensor

Ordering – Ø 12 mm/16 mm

003 Piston Ø [mm]				ADN-S-12...							
				004 Stroke [mm]							
005	006	007	008	5	10	15	20	25	30	35	
A	P	-	-	8091419	8091428	8091416	8091420	8091426	8091423	8091418	
A	P	A	-	8091427	8091424	8091422	8091429	8091421	8091417	8091425	
I	P	-	-	8076407 ★	8076419 ★	8076417 ★	8076415 ★	8076413 ★	8076411 ★	8076409 ★	
I	P	A	-	8076406 ★	8076418 ★	8076416 ★	8076414 ★	8076412 ★	8076410 ★	8076408 ★	



Ordering – Ø 12 mm/16 mm

003 Piston Ø [mm]				ADN-S-16...							
				004 Stroke [mm]							
005	006	007	008	5	10	15	20	25	30	35	
A	P	-	-	8091671	8091670	8091677	8091666	8091665	8091672	8091676	
A	P	A	-	8091668	8091678	8091667	8091674	8091675	8091669	8091673	
I	P	-	-	8076393 ★	8076405 ★	8076403 ★	8076401 ★	8076399 ★	8076397 ★	8076395 ★	
I	P	A	-	8076392 ★	8076404 ★	8076402 ★	8076400 ★	8076398 ★	8076396 ★	8076394 ★	



Ordering – Ø 20 ... 63 mm

003 Piston Ø [mm]				ADN-S-20-...										
				004 Stroke [mm]										
005	006	007	008	5	10	15	20	25	30	35	40	45	50	
A	P	-	-	8091431	8091449	8091447	8091445	8091443	8091441	8091439	8091437	8091435	8091433	
A	P	A	-	8091430	8091448	8091446	8091444	8091442	8091440	8091438	8091436	8091434	8091432	
I	P	-	-	8076323★	8076341★	8076339★	8076337★	8076335★	8076333★	8076331★	8076329★	8076327★	8076325★	
I	P	A	-	8076322★	8076340★	8076338★	8076336★	8076334★	8076332★	8076330★	8076328★	8076326★	8076324★	

003 Piston Ø [mm]				ADN-S-25-...										
				004 Stroke [mm]										
005	006	007	008	5	10	15	20	25	30	35	40	45	50	
A	P	-	-	8092103	8092102	8092107	8092091	8092092	8092099	8092097	8092094	8092106	8092105	
A	P	A	-	8092104	8092093	8092096	8092109	8092100	8092098	8092108	8092095	8092110	8092101	
I	P	-	-	8076343★	8076361★	8076359★	8076357★	8076355★	8076353★	8076351★	8076349★	8076347★	8076345★	
I	P	A	-	8076342★	8076360★	8076358★	8076356★	8076354★	8076352★	8076350★	8076348★	8076346★	8076344★	

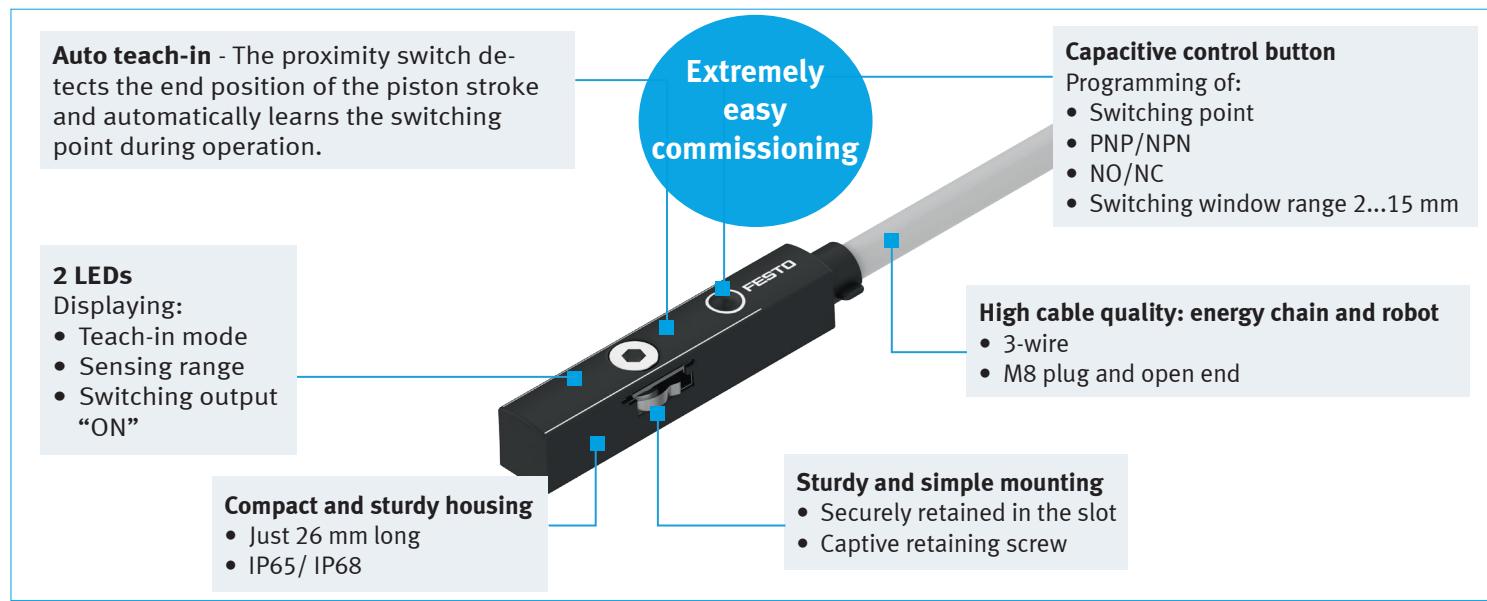
003 Piston Ø [mm]				ADN-S-32-...										
				004 Stroke [mm]										
005	006	007	008	5	10	15	20	25	30	35	40	45	50	
A	P	-	-	8091452	8091461	8091460	8091453	8091467	8091465	8091456	8091450	8091451	8091462	
A	P	A	-	8091464	8091457	8091469	8091468	8091459	8091454	8091463	8091455	8091466	8091458	
I	P	-	-	8076364★	8076382★	8076380★	8076378★	8076376★	8076374★	8076372★	8076370★	8076368★	8076366★	
I	P	A	-	8076363★	8076381★	8076379★	8076377★	8076375★	8076373★	8076371★	8076369★	8076367★	8076365★	

003 Piston Ø [mm]				ADN-S-40-...										
				004 Stroke [mm]										
005	006	007	008	5	10	15	20	25	30	35	40	45	50	
A	P	A	-	8092050	8092067	8092053	8092064	8092056	8092061	8092051	8092059	8092065	8092054	
I	P	-	-	5138596	5138597	5138598	5138599	5138600	5138601	5138602	5138603	5138604	5138605	
I	P	A	-	5138606	5138607	5138608	5138609	5138610	5138611	5138612	5138613	5138614	5138615	

003 Piston Ø [mm]				ADN-S-50-...										
				004 Stroke [mm]										
005	006	007	008	5	10	15	20	25	30	35	40	45	50	
A	P	A	-	8092081	8092073	8092085	8092076	8092075	8092074	8092071	8092087	8092079	8092086	
I	P	-	-	5138178	5138179	5138180	5138181	5138182	5138183	5138184	5138185	5138186	5138187	
I	P	A	-	5138188	5138189	5138190	5138191	5138192	5138193	5138194	5138195	5138196	5138197	

003 Piston Ø [mm]				ADN-S-63-...										
				004 Stroke [mm]										
005	006	007	008	5	10	15	20	25	30	35	40	45	50	
A	P	A	-	8092130	8092128	8092135	8092120	8092121	8092125	8092133	8092134	8092138	8092119	
I	P	-	-	5132653	5132654	5132655	5132656	5132657	5132658	5132659	5132660	5132661	5132662	
I	P	A	-	5132663	5132664	5132665	5132666	5132667	5132668	5132669	5132670	5132671	5132672	

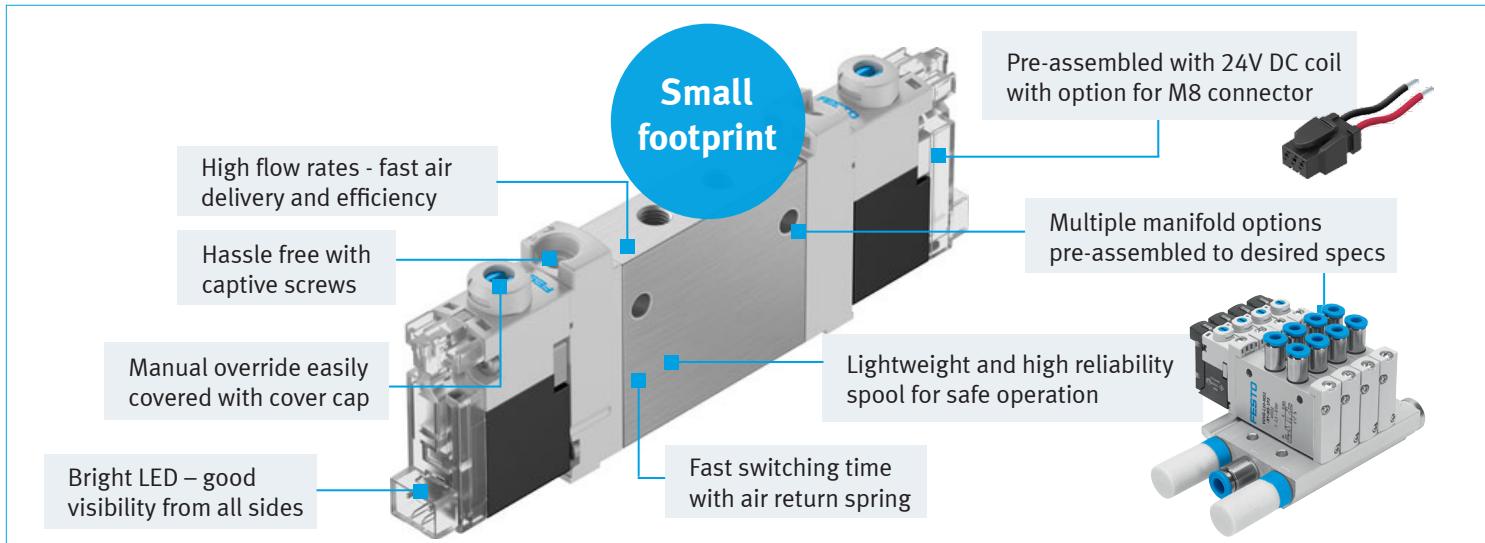
Electronic proximity switch - SDBT-MSX



SDBT-MSX automatically learns the switching point during system start-up, as part of auto teach-in.

Part number	Type	Description
8059120 ★	SDBT-MSX-1L-PU-E-0.3-N-M8	PNP/NO preprogrammed, 30 cm cable, 3-pin M8 plug
8059121 ★	SDBT-MSX-1L-PU-E-2.5-N-LE	PNP/NO preprogrammed, 2.5 m cable, 3-wire open end
8059122 ★	SDBT-MSX-1L-PU-E-5-N-LE	PNP/NO preprogrammed, 5.0 m cable, 3-wire open end
8059123 ★	SDBT-MSX-1L-NU-E-0.3-N-M8	NPN/NO preprogrammed, 30 cm cable, 3-pin M8 plug
8059124 ★	SDBT-MSX-1L-NU-E-2.5-N-LE	NPN/NO preprogrammed, 2.5 m cable, 3-wire open end
8059125 ★	SDBT-MSX-1L-NU-E-5-N-LE	NPN/NO preprogrammed, 5.0 m cable, 3-wire open end

Compact valves - VUVG-LK/BK [24V DC]



In-line valves - LK

Connection size	Width [mm]	Part no	Description	Part no	Description	Flow rate
With electrical sub-base R8 [3-pin]				With electrical sub-base H2 [2-pin]		
2 x 3/2-way with solenoid coil, normally closed, pneumatic spring 24V DC						
M5	10	8042542 ★	VUVG-LK10-T32C-AT-M5-1R8L-S	8042538 ★	VUVG-LK10-T32C-AT-M5-1H2L-S	180 l/min
M7	10	8042550 ★	VUVG-LK10-T32C-AT-M7-1R8L-S	8042546 ★	VUVG-LK10-T32C-AT-M7-1H2L-S	280 l/min
G1/8	14	8042566 ★	VUVG-LK14-T32C-AT-G18-1R8L-S	8042562 ★	VUVG-LK14-T32C-AT-G18-1H2L-S	570 l/min
5/2-way with solenoid coil single solenoid 24V DC						
M5	10	8042543 ★	VUVG-LK10-M52-AT-M5-1R8L-S	8042539 ★	VUVG-LK10-M52-AT-M5-1H2L-S	195 l/min
M7	10	8042551 ★	VUVG-LK10-M52-AT-M7-1R8L-S	8042547 ★	VUVG-LK10-M52-AT-M7-1H2L-S	340 l/min
G1/8	14	8042567 ★	VUVG-LK14-M52-AT-G18-1R8L-S	8042563 ★	VUVG-LK14-M52-AT-G18-1H2L-S	660 l/min
5/2-way with solenoid coil double solenoid 24V DC						
M5	10	8042544 ★	VUVG-LK10-B52-T-M5-1R8L-S	8042540 ★	VUVG-LK10-B52-T-M5-1H2L-S	195 l/min
M7	10	8042552 ★	VUVG-LK10-B52-T-M7-1R8L-S	8042548 ★	VUVG-LK10-B52-T-M7-1H2L-S	340 l/min
G1/8	14	8042568 ★	VUVG-LK14-B52-T-G18-1R8L-S	8042564 ★	VUVG-LK14-B52-T-G18-1H2L-S	660 l/min

Sub-base valves - BK (connection via supply manifold)

Connection size	Width [mm]	Part no	Description	Part no	Description	Flow rate
With electrical sub-base R8 [3-pin]				With electrical sub-base H2 [2-pin]		
2 x 3/2-way with solenoid coil, normally closed, pneumatic spring 24V DC						
M5/M7	10	8042558 ★	VUVG-BK10-T32C-AT-F-1R8L-S	8042554 ★	VUVG-BK10-T32C-AT-F-1H2L-S	160 l/min
G1/8	14	8042574 ★	VUVG-BK14-T32C-AT-F-1R8L-S	8042570 ★	VUVG-BK14-T32C-AT-F-1H2L-S	350 l/min
5/2-way with solenoid coil single solenoid 24V DC						
M5/M7	10	8042559 ★	VUVG-BK10-M52-AT-F-1R8L-S	8042555 ★	VUVG-BK10-M52-AT-F-1H2L-S	160 l/min
G1/8	14	8042575 ★	VUVG-BK14-M52-AT-F-1R8L-S	8042571 ★	VUVG-BK14-M52-AT-F-1H2L-S	380 l/min
5/2-way with solenoid coil double solenoid 24V DC						
M5/M7	10	8042560 ★	VUVG-BK10-B52-T-F-1R8L-S	8042556 ★	VUVG-BK10-B52-T-F-1H2L-S	160 l/min
G1/8	14	8042576 ★	VUVG-BK14-B52-T-F-1R8L-S	8042572 ★	VUVG-BK14-B52-T-F-1H2L-S	380 l/min

Electrical connections

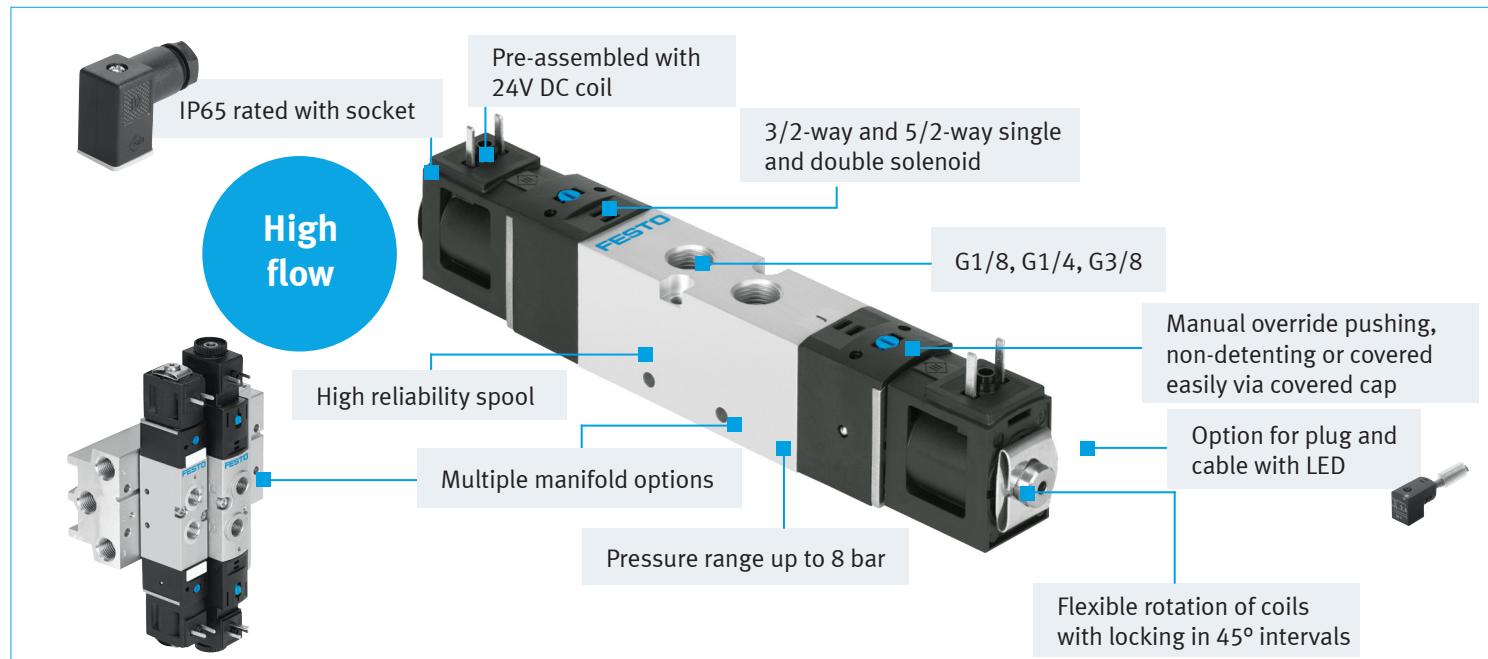
H2	Plug socket with cable, 2.5 m length	566656 ★	NEBV-H1G2-KN-2.5-N-LE2
R8	M8 cable, 3-pin open end, 2.5 m length	541338 ★	NEBU-M8W3-K-2.5-LE3

Accessories:

Manifold options including pre-assembled with valves via 572230 VTUG-S



High flow valves - VUVS-LK [24V DC]



In-line valves - LK

Connection size	G1/8	G1/4	G3/8
Valve width [mm]	20	25	30
Flow rate l/min	550	1,000	1,600
Temperature range [°C]	-5 ... +50		
Operating voltage	24V DC		
3/2-way valve	8043213 ★ VUVS-LK20-M32C-AD-G18-1C1-S	8043217 ★ VUVS-LK25-M52-AD-G14-1B2-S	8049880 ★ VUVS-LK30-M32C-AD-G38-1B2-S
5/2-way valve single solenoid	8043214 ★ VUVS-LK20-M52-AD-G18-1C1-S	8043218 ★ VUVS-LK25-M52-AD-G14-1B2-S	8049881 ★ VUVS-LK30-M52-AD-G38-1B2-S
5/2-way valve double solenoid	8043215 ★ VUVS-LK20-B52-D-G18-1C1-S	8043219 ★ VUVS-LK25-B52-D-G14-1B2-S	8049882 ★ VUVS-LK30-B52-D-G38-1B2-S
Plug socket	151687 ★ MSSD-EB	34431 ★ MSSD-F	34431 ★ MSSD-F
Plug socket with cable 2.5m length	151688 ★ KMEB-1-24-2,5-LED	30935 ★ KMF-1-24DC-2,5-LED	30935 ★ KMF-1-24DC-2,5-LED
Plug socket with cable 5m length	151689 ★ KMEB-1-24-5-LED	30937 KMF-1-24DC-5-LED	30937 KMF-1-24DC-5-LED

Manifold - Compact manifold block VABM with gaskets and screws included

3/2 - 2 position	576465 ★	8026297 ★	8026413 ★
3/2 - 4 position	576467 ★	8026299 ★	8026415 ★
3/2 - 6 position	576469 ★	8026301 ★	8026417 ★
3/2 - 8 position	576471 ★	8026303 ★	8026419 ★
3/2 - 10 position	576473 ★	8026305 ★	8026421 ★
5/2 - 2 position	576417 ★	8026261 ★	8026377 ★
5/2 - 4 position	576419 ★	8026263 ★	8026379 ★
5/2 - 6 position	576421 ★	8026265 ★	8026381 ★
5/2 - 8 position	576423 ★	8026267 ★	8026383 ★
5/2 - 10 position	576425 ★	8026269 ★	8026385 ★
Screw set	8069876 ★	8068789 ★	8068790 ★

Regulators/Filter regulators - MS-B Series



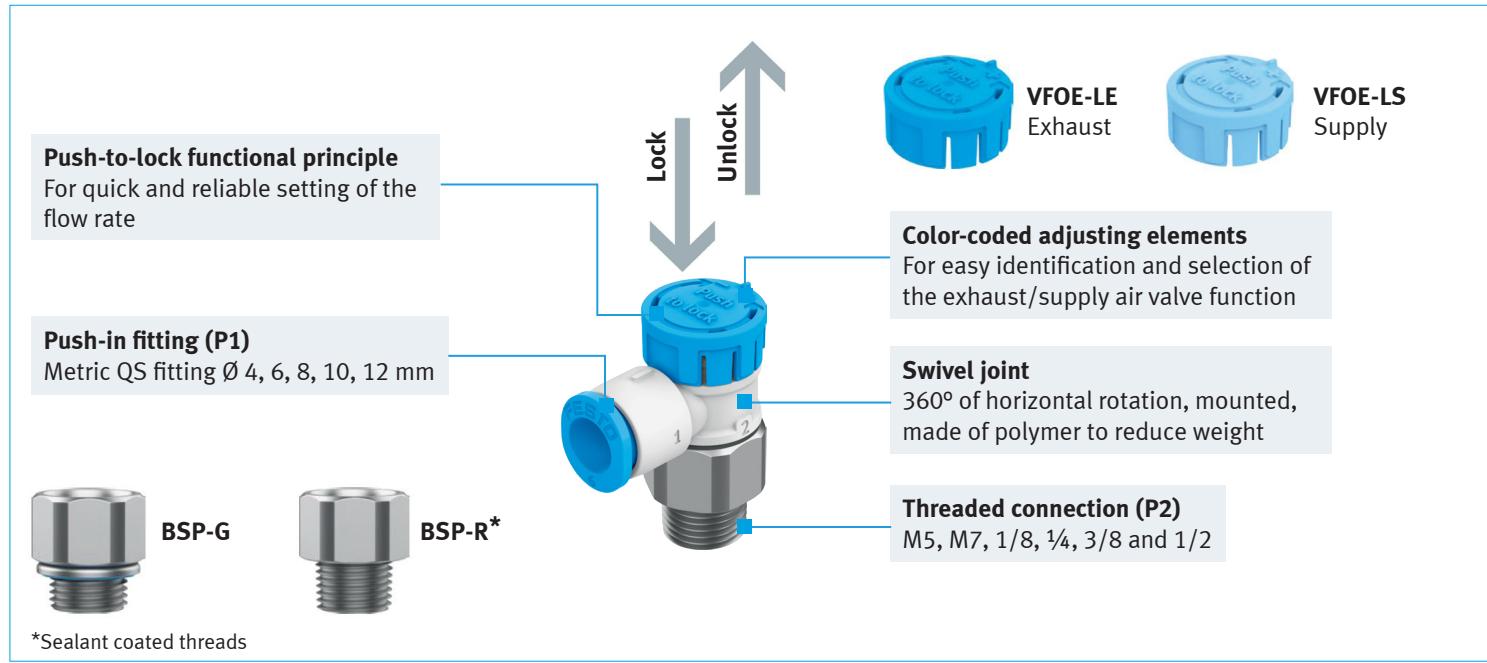
Regulators							
	Pnuematic connection	Pressure gauge	Pressure gauge scale	Weight [g]	Flow rate [l/m]	Part number	Description
MS2 	LR regulator, regulating range 0.5 ... 7 bar						
	M5	Included	bar/psi	39.8	170	8086628 ★	MS2-LR-M5-D6-AR-BAR-B
			Mpa			8086636	MS2-LR-M5-D6-AR-MPA-B
		None	-	34.8		8086637 ★	MS2-LR-M5-D6-A8-B
	QS-6	Included	bar/psi	36.6	350	8086638 ★	MS2-LR-QS6-D6-AR-BAR-B
			Mpa			8086639	MS2-LR-QS6-D6-AR-MPA-B
		None	-	31.6		8086640 ★	MS2-LR-QS6-D6-A8-B
MS4 	LR regulator, regulating range 0.3 ... 7 bar						
	G1/4	Included	bar/psi	165	1800	8099358 ★	MS4-LR-1/4-D6-AG-BAR-B
			Mpa			8099359	MS4-LR-1/4-D6-AG-MPA-B
		None	-	163		8099360 ★	MS4-LR-1/4-D6-A8-B
MS6 	LR regulator, regulating range 0.3 ... 7 bar						
	G1/2	Included	bar/psi	482	6000	8099205 ★	MS6-LR-1/2-D6-AG-BAR-B
			Mpa			8099204	MS6-LR-1/2-D6-AG-MPA-B
		None	-	479		8099203 ★	MS6-LR-1/2-D6-A8-B

Filter Regulators

	Pneumatic connection	Pressure gauge	Grade of filtration [µm]	Condensate draining	Pressure gauge scale	Weight [g]	Flow rate [l/m]	Part number	Description	
MS2 	LR regulator, regulating range 0.5 ... 7 bar									
	M5	Included	5	Manual	bar/psi	39.8	140	8086641 ★	MS2-LFR-M5-D6-AR-BAR-C-M-B	
			5	Manual	Mpa			8086642	MS2-LFR-M5-D6-AR-MPA-C-M-B	
		None	5	Manual	-	34.8		8086643 ★	MS2-LFR-M5-D6-A8-C-M-B	
	QS-6	Included	5	Manual	bar/psi	39.8	310	8086644 ★	MS2-LFR-QS6-D6-AR-BAR-C-M-B	
			5	Manual	Mpa			8086645	MS2-LFR-QS6-D6-AR-MPA-C-M-B	
		None	5	Manual	-	34.8		8086646 ★	MS2-LFR-QS6-D6-A8-C-M-B	
MS4 	LR regulator, regulating range 0.3 ... 7 bar									
	G1/4	Included	5	Manual	bar/psi	207	1500	8098257 ★	MS4-LFR-1/4-D6-C-P-M-AG-BAR-B	
			5	Manual	Mpa			8098265	MS4-LFR-1/4-D6-C-P-M-AG-MPA-B	
		None	5	Manual	-	204		8098260 ★	MS4-LFR-1/4-D6-C-P-M-A8-B	
		Included	5	Automatic	bar/psi	215		8098259 ★	MS4-LFR-1/4-D6-C-P-VC-AG-BAR-B	
			5	Automatic	Mpa			8098266	MS4-LFR-1/4-D6-C-P-VC-AG-MPA-B	
		None	5	Automatic	-	212		8098263 ★	MS4-LFR-1/4-D6-C-P-VC-A8-B	
		Included	40	Manual	bar/psi	207	1700	8098258 ★	MS4-LFR-1/4-D6-E-P-M-AG-BAR-B	
			40	Manual	Mpa			8098254	MS4-LFR-1/4-D6-E-P-M-AG-MPA-B	
		None	40	Manual	-	204		8098255 ★	MS4-LFR-1/4-D6-E-P-M-A8-B	
		Included	40	Automatic	bar/psi	215		8098264 ★	MS4-LFR-1/4-D6-E-P-VC-AG-BAR-B	
			40	Automatic	Mpa			8098256	MS4-LFR-1/4-D6-E-P-VC-AG-MPA-B	
		None	40	Automatic	-	212		8098262 ★	MS4-LFR-1/4-D6-E-P-VC-A8-B	
MS6 	LR regulator, regulating range 0.3 ... 7 bar									
	G1/2	Included	5	Manual	bar/psi	581	4750	8098300 ★	MS6-LFR-1/2-D6-C-P-M-AG-BAR-B	
			5	Manual	Mpa			8098310	MS6-LFR-1/2-D6-C-P-M-AG-MPA-B	
		None	5	Manual	-	578		8098301 ★	MS6-LFR-1/2-D6-C-P-M-A8-B	
		Included	5	Automatic	bar/psi	589		8098309 ★	MS6-LFR-1/2-D6-C-P-VC-AG-BAR-B	
			5	Automatic	Mpa			8098302	MS6-LFR-1/2-D6-C-P-VC-AG-MPA-B	
		None	5	Automatic	-	586		8098303 ★	MS6-LFR-1/2-D6-C-P-VC-A8-B	
		Included	40	Manual	bar/psi	581	5300	8098304 ★	MS6-LFR-1/2-D6-E-P-M-AG-BAR-B	
			40	Manual	Mpa			8098307	MS6-LFR-1/2-D6-E-P-M-AG-MPA-B	
		None	40	Manual	-	578		8098311 ★	MS6-LFR-1/2-D6-E-P-M-A8-B	
		Included	40	Automatic	bar/psi	589		8098312 ★	MS6-LFR-1/2-D6-E-P-VC-AG-BAR-B	
			40	Automatic	Mpa			8098305	MS6-LFR-1/2-D6-E-P-VC-AG-MPA-B	
		None	40	Automatic	-	586		8098306 ★	MS6-LFR-1/2-D6-E-P-VC-A8-B	

Accessories	MS2	MS4	MS6			
Type	Part no	Description	Part no	Description	Part no	Description
Wall bracket	8087978 ★	MS2-WR	8149680 ★	MS4-WR	8149681 ★	MS6-WR
Panel nut	8098037 ★	MS2-WRS	532187 ★	MS4-WRS	532188 ★	MS6-WRS

One-way flow control valve - VFOE



VFOE-LE

	P2 \ P1	QS-4	QS-6	QS-8	QS-10	QS-12
Exhaust air	M5	8068723 ★	8068724 ★			
	G1/8	8068725 ★	8068726 ★	8068727 ★		
	G1/4		8068728 ★	8068729 ★	8068730 ★	
	G3/8			8068731 ★	8068732 ★	
	G1/2					8068733 ★
	R1/8	8068734 ★	8068735 ★	8068736 ★		
	R1/4		8068737 ★	8068738 ★	8068739 ★	
	R3/8			8068740 ★	8068741 ★	
	R1/2					8068742 ★

VFOE-LS

	P2 \ P1	QS-4	QS-6	QS-8
Supply air	M5	8068743 ★	8068744 ★	
	M7	8068745 ★	8068746 ★	
	G1/8	8068747 ★	8068748 ★	8068749 ★
	R1/8	8068750 ★	8068751 ★	8068752 ★

Polyurethane tubing - PUN-H



Versatile!

- Diameters 2mm...16mm OD & 1/8...5/8 inch OD
- Highly flexible tubing
- Resistant to hydrolysis and microbes
- UV-resistant
- Food-safe
- FDA-listed material
- Kink-resistant
- Solid and translucent colors
- DUO tube available in Blue & Black

PUN-H - Solid Colors

OD	Packed length	Packaging Material	Blue	Black	Silver	Red	Green	Yellow
2mm	50m	Box		133039		133040		
3mm	50m	Box	197382	197389	558277	558284	558291	558298
	500m	Spool	558256	558249	558270			
4mm	50m	Box	197383 ★	197390 ★	558278 ★	558285	558292	558299
	500m	Spool	558257 ★	558250 ★	558271 ★			
6mm	50m	Box	197384 ★	197391 ★	558279 ★	558286	558293	558300
	500m	Spool	558258 ★	558251 ★	558272 ★			
8mm	50m	Box	197385 ★	197392 ★	558280 ★	558287	558294	558301
	400m	Spool	558259 ★	558252 ★	558273 ★			
10mm	50m	Box	197386 ★	197393 ★	558281 ★	558288	558295	558302
	300m	Spool	558260 ★	558253 ★	558274 ★			
12mm	50m	Box	197387 ★	197394 ★	558282 ★	558289	558296	558303
	200m	Spool	558261 ★	558254 ★	558275 ★			
14mm	50m	Box	570386	570387				
16mm	50m	Box	197388	197395	558283	558290	558297	558304
	100m	Spool	558262	558255	558276			
1/8 in	150ft	Box	567945 ★	567953 ★	567937 ★		567977	
5/32 in	150ft	Box	567946 ★	567954★				
3/16 in	150ft	Box	567947	567955			567979	567971
1/4 in	150ft	Box	567948★	567956★	567940★	567988	567980	567972
5/16 in	150ft	Box	567949 ★	567957 ★				
3/8 in	150ft	Box	567950★	567958★	567942 ★	567990	567982	567974
1/2 in	150ft	Box	567951 ★	567959 ★	567943 ★	567991	567983	567975
5/8 in	150ft	Box	567952	568008		567992	567984	567976

*Also available in bulk quantities on reels.

NOTE: Additional materials, sizes and colors are also available. Please contact Festo.

Polyurethane tubing - PUN-H

Packaging modes:



Spool



Box

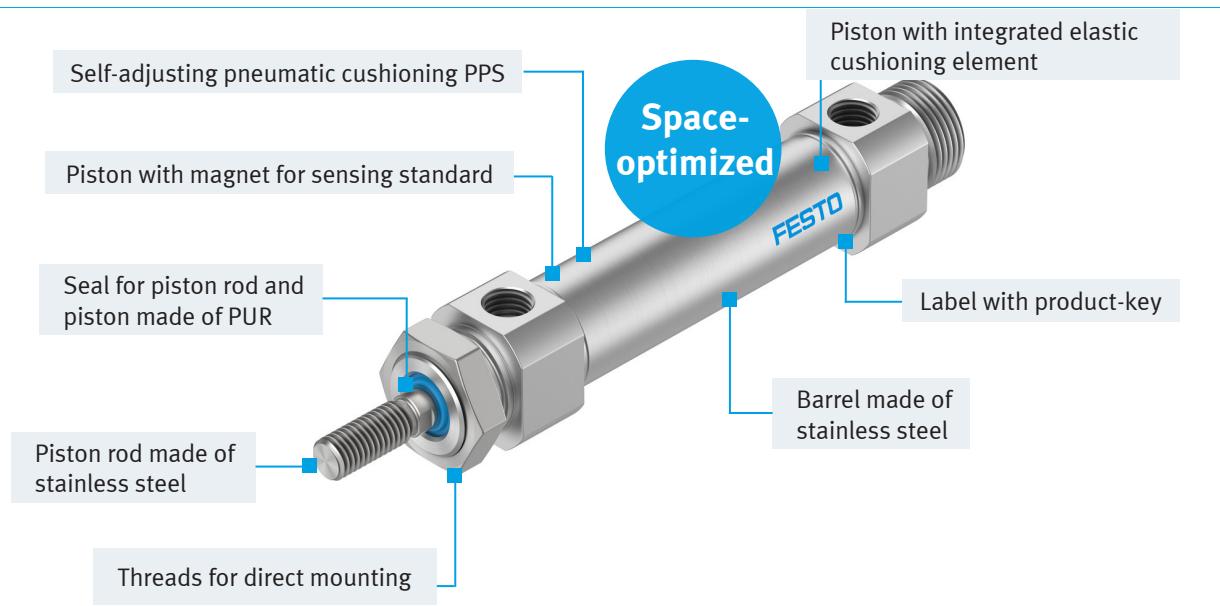
PUN-H - Translucent Colors

OD	Packed length	Packaging Material	Natural (Clear)	Translucent blue	Translucent black	Translucent red	Translucent green	Translucent yellow
2mm	50m	Box	133038					
3mm	50m	Box	197375					
	500m	Spool	558263					
4mm	50m	Box	197376 ★	8048671 ★	8048673 ★	8048675	8048677	8048679
	500m	Spool	558264 ★	8048672 ★	8048674 ★			
6mm	50m	Box	197377 ★	8048681 ★	8048683 ★	8048685	8048687	8048689
	500m	Spool	558265 ★	8048682 ★	8048684 ★			
8mm	50m	Box	197378 ★	8048691 ★	8048693 ★	8048695	8048697	8048699
	400m	Spool	558266 ★	8048692 ★	8048694 ★			
10mm	50m	Box	197379 ★	8048701 ★	8048703 ★	8048705	8048707	8048709
	300m	Spool	558267 ★	8048702 ★	8048704 ★			
12mm	50m	Box	197380 ★	8048711 ★	8048713 ★	8048715	8048717	8048719
	200m	Spool	558268 ★	8048712 ★	8048714 ★			
14mm	50m	Box	570388					
16mm	50m	Box	197381					
	100m	Spool	558269					
1/8 in	150ft	Box	567961 ★					
5/32 in	150ft	Box						
3/16 in	150ft	Box	567963					
1/4 in	150ft	Box	567964*★	13121063 ★				
5/16 in	150ft	Box	567965*★					
3/8 in	150ft	Box	567966*★	13121062 ★				
1/2 in	150ft	Box	567967 ★	13124064 ★				
5/8 in	150ft	Box						

*Also available in bulk quantities on reels.

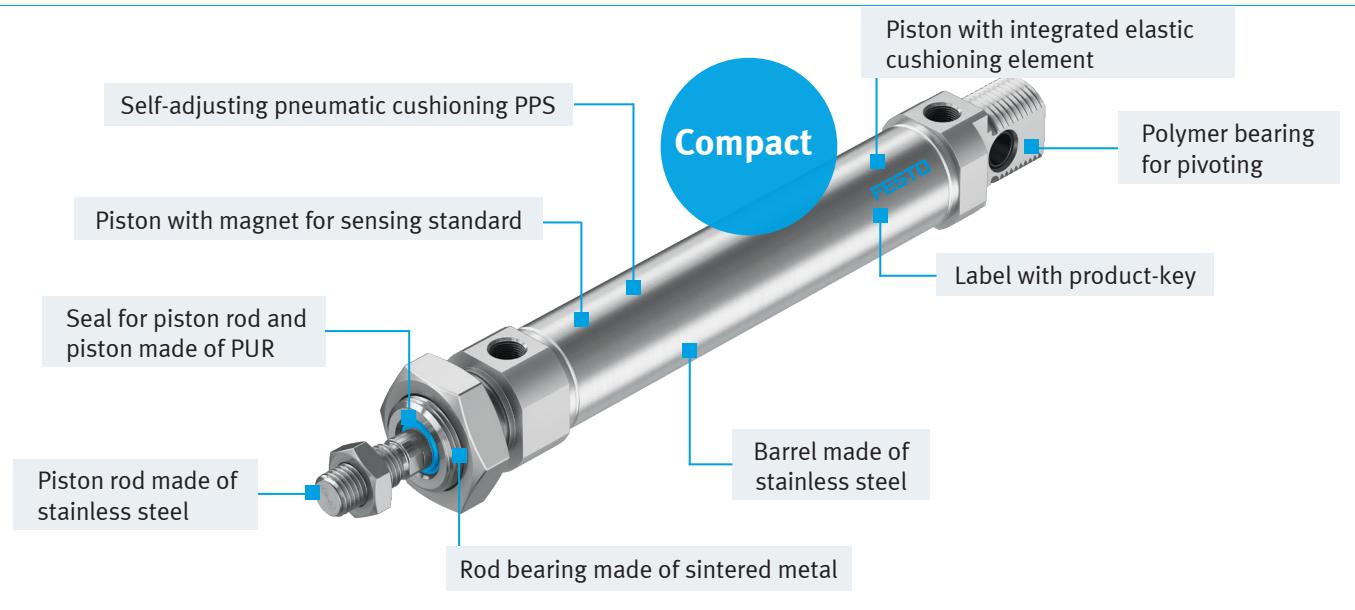
NOTE: Additional materials, sizes and colors are also available. Please contact Festo.

Round cylinder - DSNU-S



Piston	8	12	16	20	25	16	20	25
	Cushioning - P Position sensing - A					Cushioning - PPS Position sensing - A		
Stroke [mm]								
10	5205897 ★	5211896 ★	5216087 ★	5224633 ★	5228227 ★			
15	5205898 ★	5211897 ★	5216088 ★	5224634 ★	5228228 ★			
20	5205899 ★	5211898 ★	5216089 ★	5224635 ★	5228229 ★			
25	5205900 ★	5211899 ★	5216090 ★	5224637 ★	5228230 ★	5217238 ★	5225836 ★	5228452 ★
30	5205902 ★	5211900 ★	5216091 ★	5224639 ★	5228231 ★	5217239 ★	5225837 ★	5228453 ★
40	5205903 ★	5211901 ★	5216093 ★	5224641 ★	5228232 ★	5217240 ★	5225838 ★	5228454 ★
50	5205904 ★	5211903 ★	5216094 ★	5224642 ★	5228233 ★	5217241 ★	5225839 ★	5228455 ★
60	5205905 ★	5211904 ★	5216095 ★	5224643 ★	5228234 ★	5217242 ★	5225840 ★	5228456 ★
80	5205906 ★	5211905 ★	5216096 ★	5224644 ★	5228235 ★	5217243 ★	5225841 ★	5228457 ★
100	5205907 ★	5211906 ★	5216098 ★	5224645 ★	5228236 ★	5217244 ★	5225842 ★	5228458 ★
125		5211908 ★	5216099 ★	5224645 ★	5228237 ★	5217245 ★	5225843 ★	5228459 ★
150		5211909 ★	5216100 ★	5224646 ★	5228238 ★	5217246 ★	5225844 ★	5228460 ★
200			5216101 ★	5224647 ★	5228239 ★	5217248 ★	5225846 ★	5228461 ★

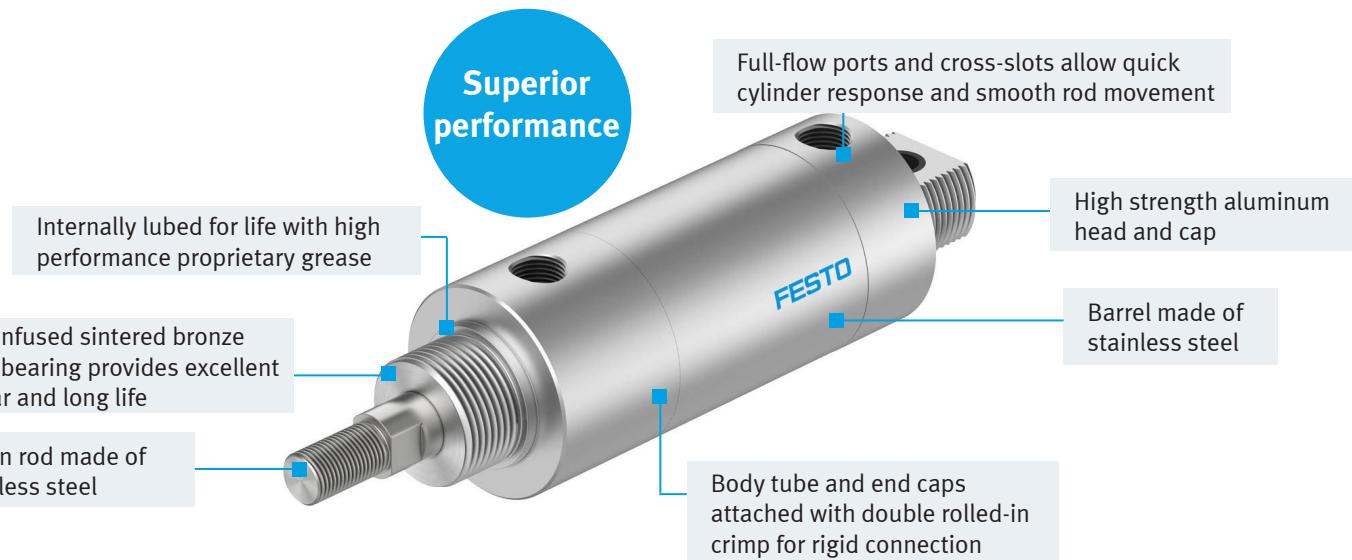
Round cylinder - DSNU-ISO type



003 Stroke [mm]	002 Piston Ø [mm]				002 Piston Ø [mm]							
	12	16	20	25	16	20	25	16	20	25	16	20
	Cushioning - Position sensing				Cushioning - Position sensing				Cushioning - Position sensing			
P - A					PPV - A				PPS - A			
10	19189 ★	19198 ★	19207 ★	19218 ★	1908266 ★	1908289 ★	1908312 ★	1908274 ★	1908297 ★	1908320 ★		
15	1908255 ★	1908259 ★	1908282 ★	1908305 ★	1908267 ★	1908290 ★	1908313 ★	1908275 ★	1908298 ★	1908321 ★		
20	1908256 ★	1908260 ★	1908283 ★	1908306 ★	1908268 ★	1908291 ★	1908314 ★	1908276 ★	1908299 ★	1908322 ★		
25	19190 ★	19199 ★	19208 ★	19219 ★	33973 ★	33974 ★	33975 ★	559263 ★	559271 ★	559282 ★		
30	1908257 ★	1908261 ★	1908284 ★	1908307 ★	1908269 ★	1908292 ★	1908315 ★	1908277 ★	1908300 ★	1908323 ★		
35		1908262 ★	1908285 ★	1908308 ★	1908270 ★	1908293 ★	1908316 ★	1908278 ★	1908301 ★	1908324 ★		
40	19191 ★	19200 ★	19209 ★	19220 ★	19229 ★	19236 ★	19245 ★	559264 ★	559272 ★	559283 ★		
50	19192 ★	19201 ★	19210 ★	19221 ★	19230 ★	19237 ★	19246 ★	559265 ★	559273 ★	559284 ★		
60	1908258 ★	1908263 ★	1908286 ★	1908309 ★	1908271 ★	1908294 ★	1908317 ★	1908279 ★	1908302 ★	1908325 ★		
70		1908264 ★	1908287 ★	1908310 ★	1908272 ★	1908295 ★	1908318 ★	1908280 ★	1908303 ★	1908326 ★		
80	19193 ★	19202 ★	19211 ★	19222 ★	19231 ★	19238 ★	19247 ★	559266 ★	559274 ★	559285 ★		
100	19194 ★	19203 ★	19212 ★	19223 ★	19232 ★	19239 ★	19248 ★	559267 ★	559275 ★	559286 ★		
125	19195 ★	19204 ★	19213 ★	19224 ★	19233 ★	19240 ★	19249 ★	559268 ★	559276 ★	559287 ★		
150		1908265 ★	1908288 ★	1908311 ★	1908273 ★	1908296 ★	1908319 ★	1908281 ★	1908304 ★	1908327 ★		
160	19196 ★	19205 ★	19214 ★	19225 ★	19234 ★	19241 ★	19250 ★	559269 ★	559277 ★	559288 ★		
200	19197 ★	19206 ★	19215 ★	19226 ★	19235 ★	19242 ★	19251 ★	559270 ★	559278 ★	559289 ★		
250			19216 ★	19227 ★		19243 ★	19252 ★		559279 ★	559290 ★		
300			19217 ★	19228 ★		19244 ★	19253 ★		559280 ★	559291 ★		
320			34718 ★	34719 ★		34720 ★	34721 ★		559281 ★	559292 ★		

NOTE: Additional sizes are also available. Please contact Festo.

Interchangeable inch round air cylinder - DPRA

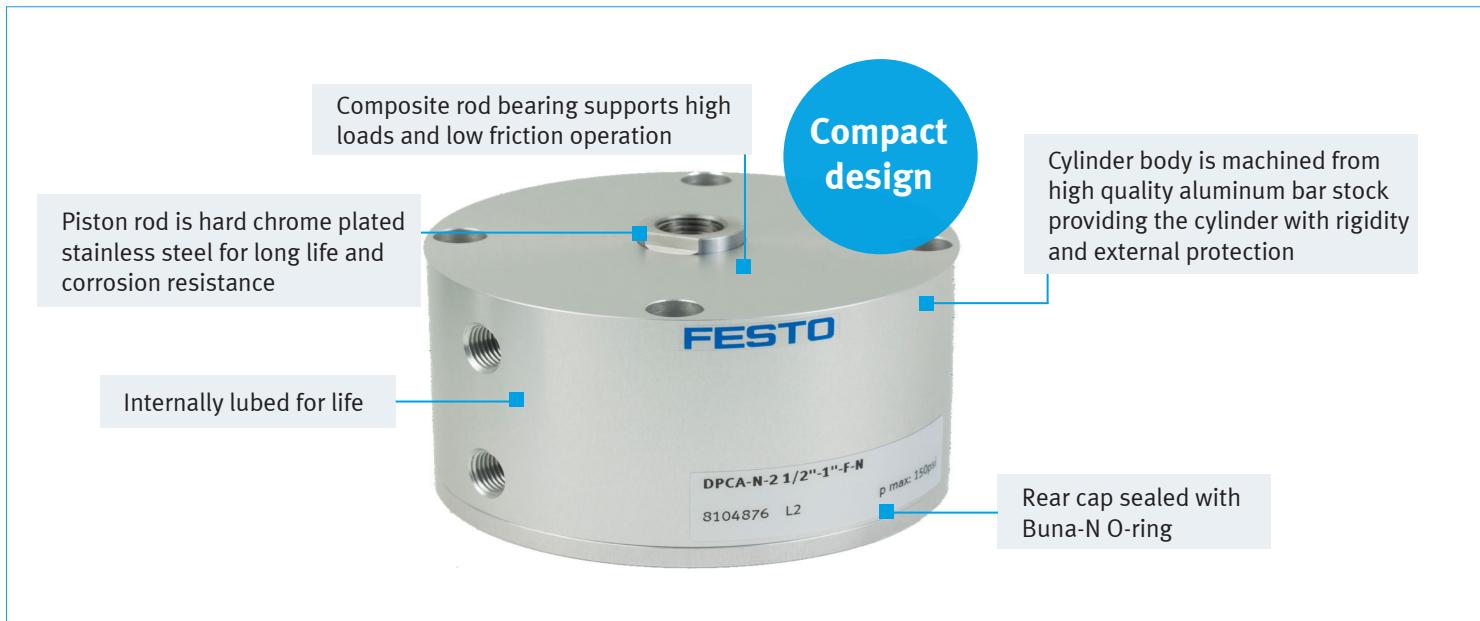


Piston diameter [in]	3/4	1 1/16	1 1/4	1 1/2	1 3/4	2	2 1/2	Code
Part No.	8109549 ★	8109550 ★	8109551 ★	8109552 ★	8109553 ★	8109554 ★	8109555 ★	
Function	Round cylinder							
Stroke	0.0625 ... 12"							
Function	Double-acting							
Piston rod type	At one end							
	Through piston rod				-	Through piston rod	-	T
Compressed air supply port	Lateral							
	Axial							
Cushioning	No cushioning							
	Flexible cushioning rings/pads at both ends							
Position sensing	Without							
	For proximity switch							
Temperature range	Standard							
	+32 ... +300 °F							
Piston rod extension	Without							
	0 ... 6 inch							
Piston rod thread extension	Without							
	0 ... 6 inch							

Choice of mounting styles:

- Mounting thread
- Rear swivel
- Trunnion flange
- Block mount

Solid aluminum inch compact cylinder - DPCA

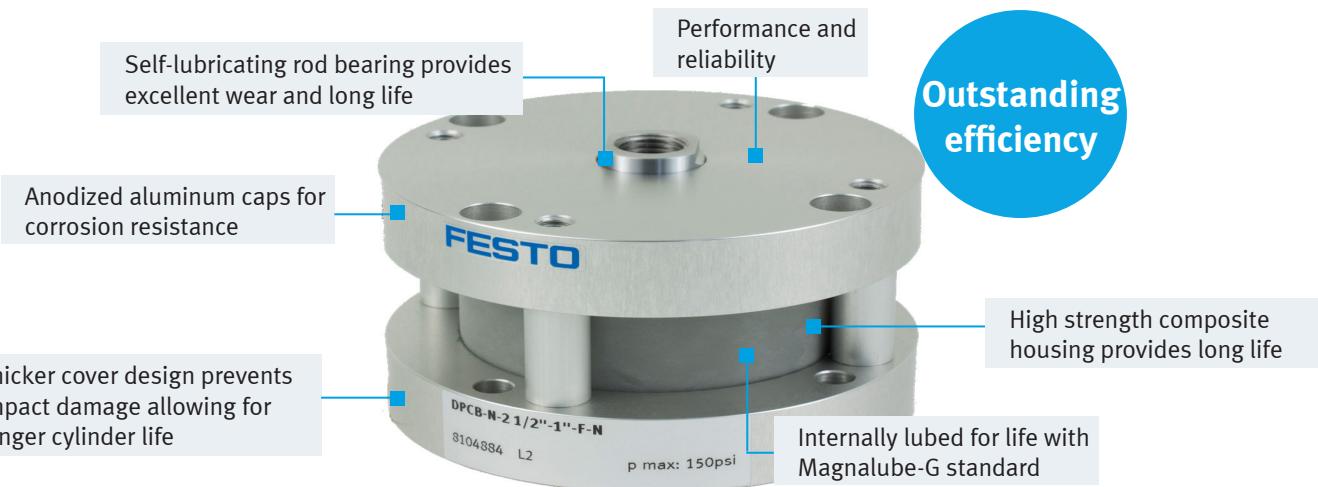


Piston diameter [in]	1/2	3/4	1 1/8	1 5/8	2	2 1/2	3	4	Code								
Part No.	8104871 ★	8104872 ★	8104873 ★	8104874 ★	8104875 ★	8104876 ★	8104877 ★	8104878 ★									
Function	Compact cylinder																
System of units	Metric																
	Inch																
Anti-twist protection	Without																
	-	With anti-twist protection															
Running characteristics	Standard																
	Additional PTFE piston guide																
Stroke	Up to 4"																
Stroke adjustment	Without																
	-	-	Advancing/front														
Piston rod type	At one end																
	Through, hollow piston rod																
	Through piston rod																
Piston rod thread type	External thread																
	Internal thread																
Position sensing	Without																
	For proximity switch																
Scraper variant	None																
	Increased chemical resistance																

Additional options:

- Mounting (swivel clevis, rod eye)
- Cushioning (bumpers)

Interchangeable inch compact cylinder - DPCB

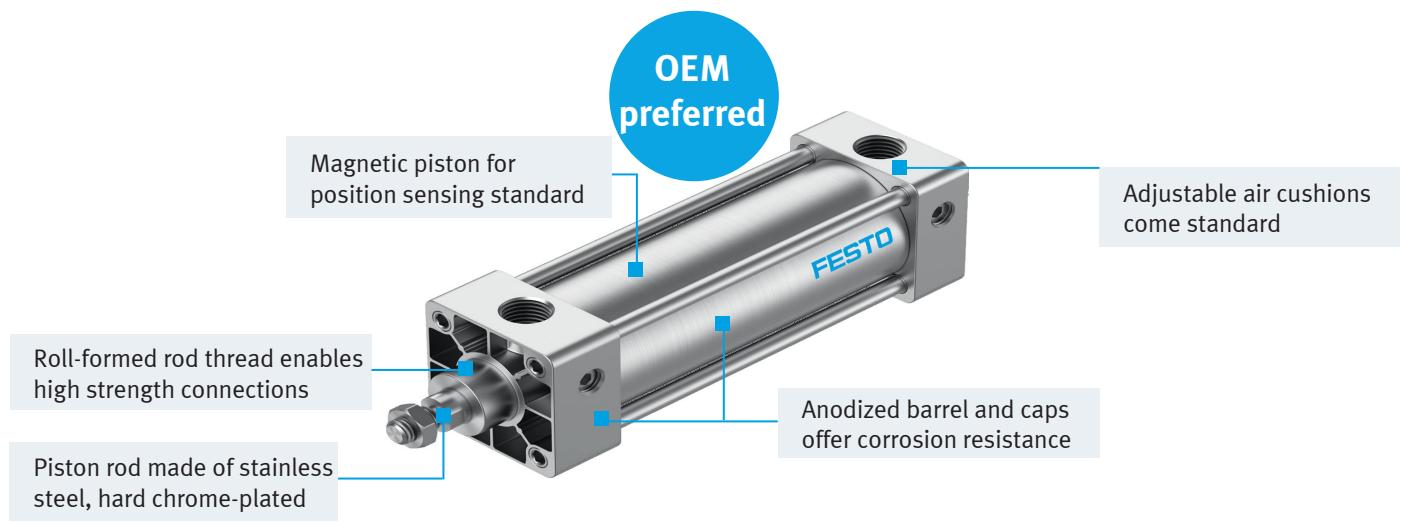


Piston diameter [in]	1/2	3/4	1 1/16	1 1/2	2	2 1/2	3	4	Code							
Part No.	8104879 ★	8104880 ★	8104881 ★	8104882 ★	8104883 ★	8104884 ★	8104885 ★	8104886 ★								
Function	Compact cylinder															
Anti-twist protection	Without															
	-	With double piston rod							-QP							
Running characteristics	Standard															
	Low friction															
L																
Stroke	Up to 4"															
Piston rod type	At one end															
	Through, hollow piston rod															
	Through piston rod															
H																
T																
Piston rod design	One end plate															
	One end plate with recess and through-hole															
	One end plate, rotated 90°															
J1																
J90																
J91	One end plate with recess and through-hole, rotated 90°															
Piston rod thread type	External thread															
	Internal thread															
F																
No thread																
N																
Position sensing	Without															
	For proximity switch															
A																
Temperature range	40... +176°F															
-T3																
Scrapper variant	None															
	Increased chemical resistance															
-A1																
Scrapper made of NBR																
-A4																

Additional options:

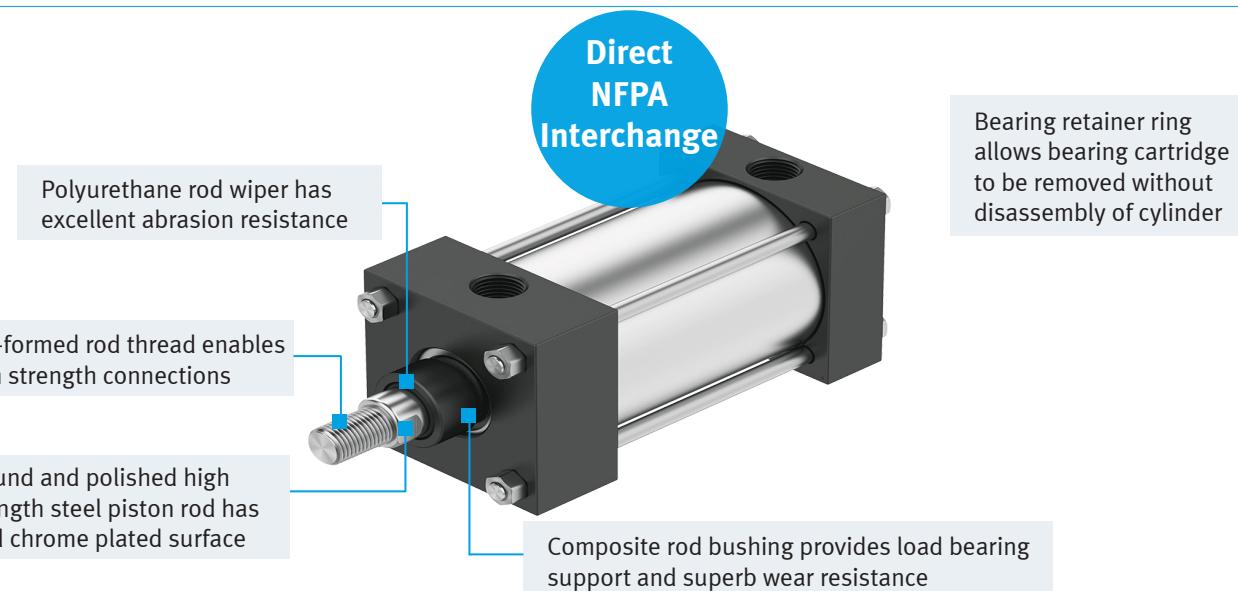
- Mounting (threads, through holes, swivel, trunnion)
- Cushioning (bumpers)

NFPA interchange cylinder - DSNA



Piston diameter [in]	1 1/2	2	2 1/2	3 1/4	4	Code
Part No.	8117043 ★	8117044 ★	8117045 ★	8117046 ★	8117047 ★	
Function	Standards-based cylinder, double-acting					
System of units	Imperial					
Stroke	0.25 ... 48"					
Piston rod type	At one end					
	Through piston rod					
Cushioning	Pneumatic cushioning, adjustable at both ends					
Position sensing	For proximity switch					
Standard	Conforms to ANSI/NFPA					
Type of mounting	Flange plate, bearing cap					
	Flange plate, end cap					
	Swivel bearing					
	Swivel mounting					
	Foot mounting					
	Direct mounting					
Seal material	Detachable eye mount					
	Mid trunnion					
	Extended tie rods, rear					
	Extended tie rods, front					
	Standard					
	Viton					

NFPA interchange cylinder - DSNB



Piston diameter [in]	1 1/2	2	2 1/2	3 1/4	4	5	6	Code
Part No.	8161111 ★	8161112 ★	8161113 ★	8161114 ★	8161115 ★	8161116 ★	8161117 ★	
Function	Standards-based cylinder, double-acting							
System of units	Imperial							
Stroke	0 ... 98"							
Piston rod diameter	Standard							
	Oversized							
Piston rod type	At one end							
	Through piston rod							
Piston rod thread type	Male thread							
	Female thread							
	Bolt with male thread							
Piston rod thread	Standard							
	1/2-20 UNF							
	7/8-14 UNF							
	1 1/4-12 UNF							
	1 1/2-12 UNF							
Cushioning	No cushioning							
	Noise reduction							
	Elastic cushioning rings/plates on both sides							
	Pneumatic cushioning at both ends, non-adjustable							
	Pneumatic cushioning at the front, non-adjustable							
	Pneumatic cushioning at the rear, non-adjustable							
	Pneumatic cushioning, adjustable at both ends							
	Pneumatic cushioning at the front, adjustable							
	Pneumatic cushioning at the rear, adjustable							

Additional options:

- Type of mounting – choice of 16 styles (ex: MF1, MS1, MP2)
- Pneumatic connection size
- High temperature
- Metal rod scraper
- Extension of Piston rod, piston rod thread length

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Type	Part Number	Description	PU
DRV5-40-180-P	1886773	semi-rotary drive	1
DRV5-40-180-P-EX4	2536500	semi-rotary drive	1
DRV5-40-270-P	1845724	semi-rotary drive	1
DRV5-40-270-P-EX4	2536501	semi-rotary drive	1
DSBC-32- -	1463250	ISO cylinder	1
DSBC-32- -PPSA-N3	1463252	ISO cylinder	1
DSBC-32- -PPVA-N3	1463254	ISO cylinder	1
DSBC-32-20-D3-PPSA-N3	3659374	ISO cylinder	1
DSBC-32-20-D3-PPVA-N3	3659375	ISO cylinder	1
DSBC-32-20-PPSA-N3	2123095	ISO cylinder	1
DSBC-32-20-PPVA-N3	2123096	ISO cylinder	1
DSBC-32-22-D3-PPSA-N3	3659376	ISO cylinder	1
DSBC-32-22-D3-PPVA-N3	3659377	ISO cylinder	1
DSBC-32-25-PPSA-N3	3656512	ISO cylinder	1
DSBC-32-25-PPVA-N3	1376467	ISO cylinder	1

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