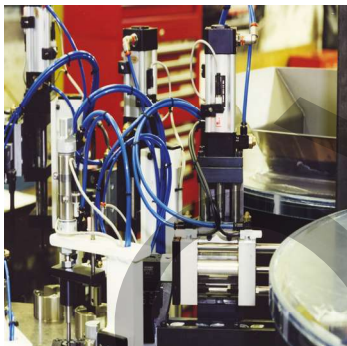


aerospace
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Limit Switches, Bleed sensors

PDE2629TCUK August 2009




ENGINEERING YOUR SUCCESS.


Summary

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Important !
 Before carrying out any service work, ensure that the valve and manifold have been vented. Remove the primary supply air hose to ensure total disconnection of the air supply before dismantling valves or blank connection blocks.



NB !
 All technical data in this catalogue is typical only. The air quality is decisive for the valve life: see ISO 8573.

 **WARNING**

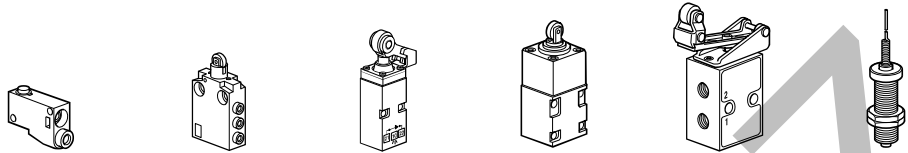
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Limit Switches and Bleed Sensors

Limit switches Control and process only	Bleed Sensors
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Series	Miniature	Compact	K-series	J-series	M43	PXF
Connection, * Push-in	Ø4*	Ø4*	Ø4* or M5	Ø4*	M5	Ø4* or M5
Flow at 6 bar, Qn l/s Qmax l/s Cv	1	4,2	2	3,5	1 1,89 0,127	3
Pipeable exhaust		No	Yes	No	Yes	No
Working temperature	-15 to +60°C	-15 to +60°C	-15 to +60°C	-15 to +60°C	-10 to +80°C	-15 to +60°C
Pneumatic switching	3/2 NC	3/2 NC	3/2 NC 3/2 NO	3/2 NC 3/2 NO	3/2 NC	
Construction material	Zinc die cast	Zinc die cast	Zinc die cast	Turrethead Zinc die cast, brass	Zinc die cast	Brass
Interchangeable with electrical version		Yes	Yes	Yes		
Actuator type						
Air hydraulic oil, fresh water, brine						
Plunger	●	●	●	●	●	
Roller		●		●	●	
Roller plunger		●	●	●		
Roller lever	●		●		●	
Whisker			●	●		
Variable offset lever			●	●		
Ball operated						
Cam				●		
Refer to page	5	5	6	8	15	16





- Ultra small size
- Light actuation forces
- Spring return as standard
- 3/2 NC as standard
- M5 body ported
- Lever adjustment on roller options



Operating information

Working temperature	-10 °C to +80 °C		
Working pressure	0-7 bar	Flow; (acc. to ISO 6358)	C=0,27 b=0,26 Qn=1 l/s Qmax=1,89 l/s Cv=0,127
Port size	M5		

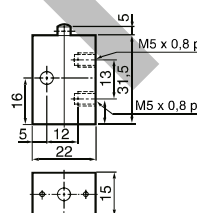
Main data for Mechanically operated valves, M43303 Series

Symbol	Actuator	Return	Operating force at 6 bar, N	Weight kg	Order code
	Plunger	Spring	18	0,054	M43303C
	Roller-Lever	Spring	10	0,058	M43303R
	Roller, one way trip	Spring	10	0,060	M43303T
	Ball	Spring	18	0,062	M43303B

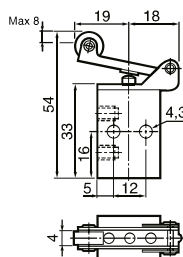
Normally closed only

Mechanically operated valves

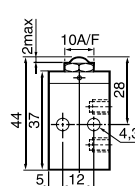
Plunger operated (basic valve)
M43303C



Roller lever operated
M43303R



Ball operated
M43303B



One way roller trip operated
M43303T

