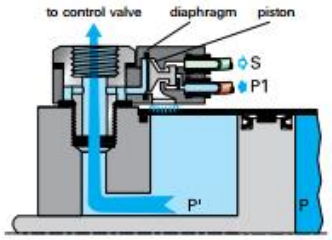
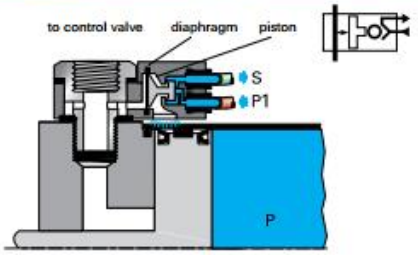
pneumatic threshold sensors "safety"



P' : exhaust pressure
P : system pressure
P1: supply pressure for sensor
S : output signal



Legris threshold sensors **detect pressure drops** and are generally used to detect the end-of travel of a cylinder. They produce an end-of-stroke signal, pneumatic or electric, when the exhaust back pressure in the cylinder disappears.

They can be mounted on the cylinder or on the control valve.

specifications:
suitable fluid: compressed air
working temperature: 5° to 140° F
working pressure: 45 to 115 psi
breaking pressure: 7 to 8.5 psi
response time: 3 ms

pneumatic threshold sensor fittings

with push-to-connect fitting

7818-7808 — UNF and NPT



ØD	C	
5/32	10-32	7818 04 20
5/32	1/8	7808 04 11
5/32	1/4	7808 04 14
5/32	3/8	7808 04 18
5/32	1/2	7808 04 22

7818 — BSP parallel and metric



ØD	C	
4	M5x0.8	7818 04 19
4	G1/8	7818 04 10
4	G1/4	7818 04 13
4	G3/8	7818 04 17
4	G1/2	7818 04 21

7828/7829 — electric, UNF and NPT



C	
10-32	7828 00 20
1/8	7829 00 11
1/4	7829 00 14
3/8	7829 00 18
1/2	7829 00 22

7828 — electric, BSP parallel and metric



C	
M5x0.8	7828 00 19
G1/8	7828 00 10
G1/4	7828 00 13
G3/8	7828 00 17
G1/2	7828 00 21

with threaded fitting

7808 — NPT



Pilot Port	C	
10-32	1/8	7808 20 11
10-32	1/4	7808 20 14
10-32	3/8	7808 20 18

7818 — BSP parallel and metric



Pilot Port	C	
M5	M5x0.8	7818 19 19
M5	G1/8	7818 19 10
M5	G1/4	7818 19 13
M5	G3/8	7818 19 17
M5	G1/2	7818 19 21

Visual identification of different threads

7808 04 11 ■ NPT/UNF
7818 04 10 ■ BSP parallel

flow control regulators - stainless steel

You will find all these ranges
in our **catalog** and
on our web site at **www.legris.com**

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