Sensor fitting

Order codes	D1 - Thread	D2	D3	L1	L2	L3	L4	CH1	CH2	Weight [kg]
2899 0029 9040 0005	G1/8"	4	G1/8"	5	11	29.5	38	13	16	0.069
2899 0029 9060 0001	G1/4"	4	G1/4"	6.5	13	33	40	16	16	0.079
2899 0029 9080 0001	G3/8"	4	G3/8"	7	13	33	42	20	20	0.098

| Working pressure [MPa]	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Switching pressure [MPa]	0.03	0.05	0.065	0.09	0.10	0.12	0.14	0.16

Threshold sensor can detect a pressure drop and signal it with a command signal (s). This component turns out to be especially useful when assembled directly on the cylinder. When the piston completes its stroke (no more counter pressure available in the cylinder), a command signal is given out to a direction valve to have the piston change the stroke. Sole condition required for perfect component performance is that the piston has to complete its stroke. No intermediate positions are allowed. Major advantage of this component is to command the piston stroke changes without electrical connections.
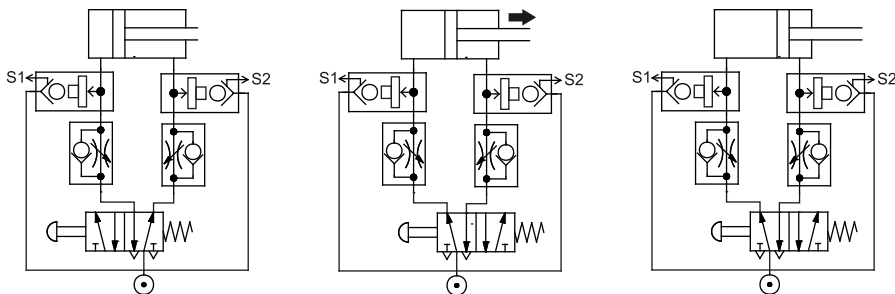
Cylinder is retracted, signal S1 is active, S2 is inactive.

Cylinder is thrusting, both signals S1 and S2 are inactive.

Cylinder is thrust, signal S1 is inactive, S2 is active.
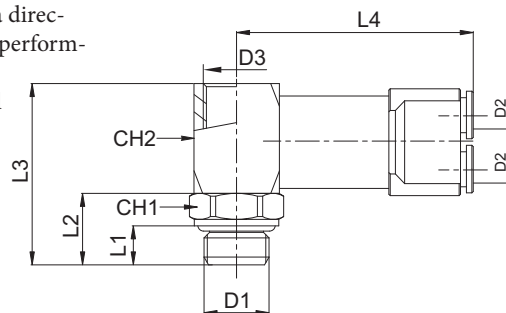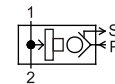
Working pressure	0.3 to 1.0 MPa
Temperature range	0°C to +70°C
Working medium	modified compressed air

Pressure indicator

Order codes	Colour	Thread	Weight [kg]
2899 0020 3060 0003	red	G1/4"	0.053
2899 0020 3060 0004	yellow	G1/4"	0.053
2899 0020 3060 0005	green	G1/4"	0.053
2899 0020 3060 0006	blue	G1/4"	0.053

Pressure indicator is used for visual display, if there is a pressure in the circuit. Indicator doesn't show the value of a pressure, but only if there is or isn't pressure. In case, that there is a pressure, the colour disk is visible in the dome, with visibility of 180°.
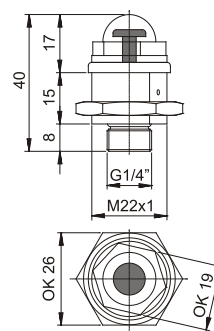
Working pressure	0.2 to 1.0 MPa
Temperature range	0°C to +60°C
Working medium	modified compressed air