



This valve is a spring biased closed, pilot-to-close check cartridge with a bypass orifice. It incorporates a steel seat and is non-vented. The valve allows flow from port 1 to port 2 and restricts flow from port 2 to port 1. Pressure at the pilot (port 3) opposes pressure at port 1 at a ratio of 1.8:1. Pressure at port 2 directly opposes the pilot pressure. Note: The bypass orifice diameter is specified by the customer. See Technical Data below for the allowable orifice range.

**TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Pilot Ratio	1.8:1
Maximum Operating Pressure	350 bar
Orifice Range	0,4 - 2,7 mm
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006

**CONFIGURATION OPTIONS**

**Model Code Example: CNDEXCN**

CONTROL	(X) SETTING RANGE	(C) SEAL MATERIAL	(N)
<b>X</b> Not Adjustable	<b>C</b> 30 psi (2 bar) Cracking Pressure, .016 - .107 in. (0,4 - 2,7 mm)	<b>N</b> Buna-N	<b>V</b> Viton
	<b>A</b> 4 psi (0,3 bar) Cracking Pressure, .016 - .107 in. (0,4 - 2,7 mm)		
	<b>B</b> 15 psi (1 bar) Cracking Pressure, .016 - .107 in. (0,4 - 2,7 mm)		
	<b>D</b> 50 psi (3,5 bar) Cracking Pressure, .016 - .107 in. (0,4 - 2,7 mm)		
	<b>E</b> 75 psi (5 bar) Cracking Pressure, .016 - .107 in. (0,4 - 2,7 mm)		
	<b>F</b> 100 psi (7 bar) Cracking Pressure, .016 - .107 in. (0,4 - 2,7 mm)		