

ER5100 SERIEN**ER5100**

- Max Indgangstryk: ER5100 310 bar - ER5110 241 bar
- Max udgangstryk: ER5100 27.6, 62.1 bar - ER5110 34.5 Bar
- CV: ER5100 0.7, 2.0 - ER5110 0.06, 0.15



**ER5100
(WITH 44-4000 SERIES
REGULATOR)**



**ER5110
(WITH 44-5200 SERIES
REGULATOR)**

PRODUKTBESKRIVELSE**TESCOM ER5100 Serien**

Dette sæt indeholder en ER5000 Serie controller og en 44-4000 Serie tryk reducerings regulator integreret sammen. Indgangstryk er op til 310 bar med 2 forskellige udgangstryk 27.6 og 62.1 bar.

ER5100 Serien kan bestilles med Cv = 0.7 eller Cv = 2.0. Denne serie tilbyder en hurtig og nøjagtig kontrol ideel til applikationer med kontinuelt flow. Kan også fås med 44-5200 regulator (ER5110).

ER5100

- Captured venting
- Fast responding, high flow system
- Compact size
- Includes all the features of the ER5000 Series (0.1% accuracy, onboard PID loop, free software)

ER5110

- Venting (not captured) or non-venting
- Fast responding, low pressure, low flow system
- Suitable for both static and dynamic applications
- Includes all the features of the ER5000 Series (0.1% accuracy, onboard PID loop, free software)

Applikationer

- Gas assist laser cutting
- OEM equipment

Example for selecting a part number:

ER51	00	S	I	1
BASIC SERIES	BASE STYLE	CONFIGURATION OPTIONS	ANALOG SCHEMES	MODIFICATIONS
ER51	00	S - Standard F - Enhanced ¹	I - 20 mA I - 5 VDC V - 0-10 VDC	1 - Standard submodel values

For ER5100 Series, order one of the following regulators ²	For ER5110 Series, order one of the following regulators ²
<ul style="list-style-type: none"> • 44-4027XXXXX000000 (Outlet: 400 psig / 27.6 bar, C_v = 0.7) • 44-4028XXXXX000000 (Outlet: 750 psig / 51.7 bar, C_v = 2.0) • 44-4027XXXXX000000 (Outlet: 500 psig / 34.5 bar, C_v = 2.0) • 44-4028XXXXX000000 (Outlet: 900 psig / 62.1 bar, C_v = 2.0) 	<ul style="list-style-type: none"> • 44-5203XXXXX000000 (Non-venting, Outlet: 100 psig / 6.9 bar, C_v = 0.06) • 44-5204XXXXX000000 (Non-venting, Outlet: 100 psig / 6.9 bar, C_v = 0.15) • 44-5203XXXXX000000 (Venting, Outlet: 100 psig / 6.9 bar, C_v = 0.06) • 44-5204XXXXX000000 (Venting, Outlet: 100 psig / 6.9 bar, C_v = 0.15)

¹ The "S" in the regulator part number is to be specified depending on desired self-purge and part configurations.

² Values of models have extra analog inputs and outputs.

ER5100 Series Drawing

