

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



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 kontinuert 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

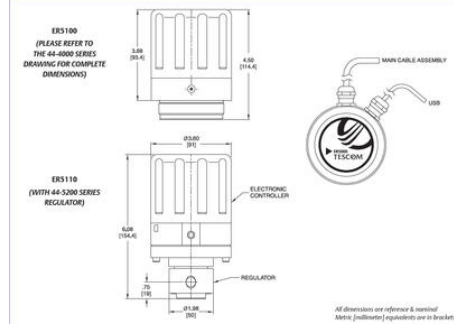
Example for selecting a part number:

ERS1	00	S	I	T
BASIC SERIES	BASE STYLE	CONFIGURATION OPTIONS	ANALOG SIGNALS	MODIFICATIONS
ERS1	00	S - Standard F - (Enhanced)	I - 4-20mA V - 0-10 VDC	T - Standard soldered valves
	10			

For ER5100 Series, order one of the following regulators ¹	For ER5110 Series, order one of the following regulators ¹
<ul style="list-style-type: none"> • 44-401XXXXXER5042 (Inlet: 400 psig / 27.6 bar, C_v = 0.7) • 44-402XXXXXER5042 (Inlet: 400 psig / 27.6 bar, C_v = 2.0) • 44-403XXXXXER5048 (Inlet: 500 psig / 34.5 bar, C_v = 0.7) • 44-404XXXXXER5048 (Inlet: 500 psig / 34.5 bar, C_v = 2.0) • 44-405XXXXXER5068 (Inlet: 500 psig / 34.5 bar, C_v = 0.7) • 44-406XXXXXER5068 (Inlet: 500 psig / 34.5 bar, C_v = 2.0) 	<ul style="list-style-type: none"> • 44-52XXXXXER5104 (Non venting, Outlet: 500 psig / 34.5 bar, C_v = 0.06) • 44-52XXXXXER5104 (Non venting, Outlet: 500 psig / 34.5 bar, C_v = 0.15) • 44-52XXXXXER5104 (Venting, Outlet: 500 psig / 34.5 bar, C_v = 0.06) • 44-52XXXXXER5104 (Venting, Outlet: 500 psig / 34.5 bar, C_v = 0.15)

¹ The "X" in the regulator part number is to be filled/blank depending on desired vent paths and part configurations.
² Enhanced models have enhanced venting and output.

ERS100 Series Drawing



Example for selecting a part number:

BASIC SERIES	BASE STYLE	CONFIGURATION OPTIONS	ANALOG SIGNALS	MODIFICATIONS
ERS1	00	S - Standard F - Enhanced ¹	I - 4-20 mA S - 5VDC V - 0-5VDC	1 - Standard submount values
	10			

- For ERS100 Series, order one of the following regulators²:
- 44-402XXXXXER042 (Output: 450 mA; $I_{Lmax} = 0.7$)
 - 44-402XXXXXER042 (Output: 750 mA; $I_{Lmax} = 0.7$)
 - 44-402XXXXXER046 (Output: 500 mA; $I_{Lmax} = 2.0$)
 - 44-402XXXXXER046 (Output: 900 mA; $I_{Lmax} = 2.0$)
- For ERS110 Series, order one of the following regulators²:
- 44-52XXXXXER042 (Non-wetting, Output: 500 mA; $I_{Lmax} = 0.00$)
 - 44-52XXXXXER042 (Non-wetting, Output: 500 mA; $I_{Lmax} = 0.175$)
 - 44-52XXXXXER042 (Wetting, Output: 500 mA; $I_{Lmax} = 0.00$)
 - 44-52XXXXXER042 (Wetting, Output: 500 mA; $I_{Lmax} = 0.175$)

1. The "S" in the regulator part number is to be filled/changed depending on desired soft goods and part configurations.
2. Enhance of models have extra analog inputs and outputs.

ERS100 Series Drawing

