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

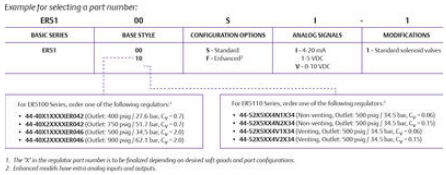
- Captured venting
- Fast responding, high flow system
- Compact size
- Includes all the features of the ER5000 Series (0.1% accuracy, onboard PID loop, free software)

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:

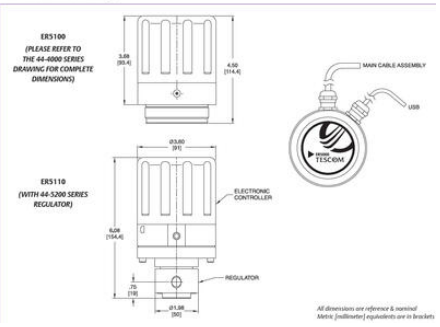
ER51	00	S	1	-	1
BASIC SERIES	BASE STYLE	CONFIGURATION OPTIONS	ANALOG SIGNALS		MODIFICATIONS
ER51	00 10	S - Standard F - Enhanced[2]	1 - 4-20 mA 5 - 1-5 VDC V - 0-10 VDC		1 - Standard solenoid valves

For ER5100 Series, order one of the following regulators:[1]
- 44-40X1XXXXER042 (Outlet: 400 psig / 27.6 bar, C_V = 0.7)
- 44-40X2XXXXER042 (Outlet: 750 psig / 51.7 bar, C_V = 0.7)
- 44-40X1XXXXER046 (Outlet: 500 psig / 34.5 bar, C_V = 2.0)
- 44-40X2XXXXER046 (Outlet: 900 psig / 62.1 bar, C_V = 2.0)

For ER5110 Series, order one of the following regulators:[1]
- 44-52XSXX4N1X34 (Non-venting, Outlet: 500 psig / 34.5 bar, C_V = 0.06)
- 44-52XSXX4N2X34 (Non-venting, Outlet: 500 psig / 34.5 bar, C_V = 0.15)
- 44-52XSXX4V1X34 (Venting, Outlet: 500 psig / 34.5 bar, C_V = 0.06)
- 44-52XSXX4V2X34 (Venting, Outlet: 500 psig / 34.5 bar, C_V = 0.15)

1. The "X" in the regulator part number is to be finalized depending on desired soft goods and port configurations.
2. Enhanced models have extra analog inputs and outputs.

ER5100 Series Drawing



Example for selecting a part number:

ER51	00	S	I	-	1
BASIC SERIES	**BASE STYLE**	**CONFIGURATION OPTIONS**	**ANALOG SIGNALS**		**MODIFICATIONS**
ER51	**00** **10**	**S** – Standard **F** – Enhanced[2]	I – 4-20 mA 1-5 VDC V – 0-10 VDC		**1** – Standard solenoid valves

For ER5100 Series, order one of the following regulators:[1]

- **44-40X1XXXXER042** (Outlet: 400 psig / 27.6 bar, C_g = 0.2)
- **44-40X2XXXXER042** (Outlet: 750 psig / 51.7 bar, C_g = 0.2)
- **44-40X1XXXXER046** (Outlet: 500 psig / 34.5 bar, C_g = 2.0)
- **44-40X2XXXXER046** (Outlet: 900 psig / 62.1 bar, C_g = 2.0)

For ER5110 Series, order one of the following regulators:[1]

- **44-52XSX04IN1X34** (Non-venting, Outlet: 500 psig / 34.5 bar, C_g = 0.06)
- **44-52XSX04IN2X34** (Non-venting, Outlet: 500 psig / 34.5 bar, C_g = 0.15)
- **44-52XSX04V1X34** (Venting, Outlet: 500 psig / 34.5 bar, C_g = 0.06)
- **44-52XSX04V2X34** (Venting, Outlet: 500 psig / 34.5 bar, C_g = 0.15)

1. The "X" in the regulator part number is to be finalized depending on desired soft goods and port configurations.
2. Enhanced models have extra analog inputs and outputs.

ER5100 Series Drawing