

## PROPORTIONALVENTIL

Serie T6000

TD6000-401

I/P omvandlare, 4-20 mA, 3-15 psi, 1/4 NPT

- För tryckreglering av luft och neutrala gaser
- Reglerområde från 0-2 bar till 0-8 bar
- Flöde upp till 312 l/min
- Noggrannhet: 0,5% av reglerområdet
- Option: ATEX enl. Exia



### PRODUKTBESKRIVNING

En proportionalventil från Fairchild är en elstyrd tryckregulator med mycket hög noggrannhet. Tryckregleringen sker proportionellt mot en analog styrsignal. T6000 lämpar sig i övervakningsapplikationer, styrning av långsammare förlopp och reglering av trycket där mycket hög tillförlitlighet krävs. De är dessutom utmärkta att använda i så kallade "Dead-end-applikationer", det vill säga då väldigt låg eller ingen luftförbrukning förekommer.

Proportionalventil med disk/säteteknologi (Flapper/Nozzle). Spann- och nollpunktsjustering enkelt åtkomliga på proportionalventilens utsida. Fäste för montage på DIN-skene ingår.

Modell	Elektrisk anslutning (Electrical Connections)	Godkännande (Underwriting Group)	Klassning (Approval Class)	Modell	Styrsignal (input)
T-	A 1/2 NPT D DIN43650 R Rackmontage T Skruvanslutning - Explosionssäker	C Canadian Standards (CSA) E ATEX <sup>1</sup> F Factory Mutual (FM Approval)	- Ingen klassning XPD Explosionssäker <sup>2</sup> - Egensäker	6000-	0 0-10 V DC 3 10-50 mA 4 4-20 mA 5 1-5 V DC 7 0-5 V DC 9 1-0 V DC

Beställningsnyckel

Tryckområde (output)	Tillval (Options)
01 3-15 psi    11 0,2-1,0 bar    21 20-100 kPa	- NPT
02 3-27 psi    12 0,2-1,8 bar    22 20-180 kPa	U BSPT <sup>3</sup>
03 6-30 psi    13 0,4-2,0 bar    23 40-200 kPa	1 ATEX finns ej för explosionssäker utförande.
04 0-30 psi    14 0-2,0 bar    24 0-200 kPa	2 Egensäker endast med styrsignal i mA.
05 0-60 psi    15 0-4,0 bar    25 0-400 kPa	3 Finns ej för CSA i explosionssäker utförande.
06 0-120 psi    16 0-8,0 bar    26 0-800 kPa	

### TEKNISK DATA

Elektrisk anslutning	Kontakt DIN43650/A
Hysteres med booster	<1,0 % (PMR)
Hysteres utan booster	<0,25 % (PMR)
IP-klass	IP30
Linjäritet med booster	<1,0 % (PMR)
Linjäritet utan booster	<0,5 % (PMR)

<b>Material Genomlopp</b>	Rostfritt stål
<b>Material Hus</b>	Aluminium, Krombelagd
<b>Material Interna delar</b>	Mässing, Rostfritt stål, Zinkpläterat stål
<b>Material Tätningar</b>	Buna-N
<b>Media</b>	Luft och neutrala gaser, osmord, min. <5 µm filtrering
<b>Omgivningstemperatur från</b>	-30 °C
<b>Omgivningstemperatur till</b>	65 °C
<b>Repeterbarhet med booster</b>	1
<b>Repeterbarhet utan booster</b>	0,25
<b>Styrsignal</b>	4-20mA
<b>Ytbehandling</b>	Epoxilack

Model	Electrical Rating (Electrical Connections)	Qualification/Approvals/Options	Mounting Approval Class	Material	Standard Stock
A111100	1/4" NPT	CE Conformance, UL Approval, FM Approval, Factory Mutual FM Approval	1	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111101	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111102	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111103	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111104	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111105	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111106	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111107	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111108	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111109	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
A111110	1/2" NPT		2	304	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Stift	Funktion
1	Positiv (+)
2	Negativ (-)
3	Används ej
4	Jord (⇌)



