

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/såtesteknologi (Flapper/Nozzle). Spann- och nollpunktsjustering enkelt åtkomliga på proportionalventilens utsida. Fäste för montage på DIN-skena 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 ¹ F Factory Mutual (FM Approval)	- Ingen klassning XPD Explosionssäker ² + 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 02 3-27 psi 03 6-30 psi 04 0-30 psi 05 0-60 psi 06 0-120 psi	- NPT U BSPT ³
11 0,2-1,0 bar 12 0,2-1,8 bar 13 0,4-2,0 bar 14 0-2,0 bar 15 0-4,0 bar 16 0-8,0 bar	21 20-100 kPa 22 20-180 kPa 23 40-200 kPa 24 0-200 kPa 25 0-400 kPa 26 0-800 kPa

¹ ATEX finns ej för explosionssäker utförande.
² Egensäker endast med styrsignal i mA.
³ Finns ej för CSA i explosionssäker utförande.

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)

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

Model	Physical Installation (Electrical Connections)	Certification (Endorsing Group)	Compliance (Approval Codes)	Model	Designated Space
A1	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT
A2	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
A3	1/8" NPT	1/8" NPT	1/8" NPT	1/8" NPT	1/8" NPT
A4	1/16" NPT	1/16" NPT	1/16" NPT	1/16" NPT	1/16" NPT
A5	1/32" NPT	1/32" NPT	1/32" NPT	1/32" NPT	1/32" NPT
A6	1/64" NPT	1/64" NPT	1/64" NPT	1/64" NPT	1/64" NPT
A7	1/128" NPT	1/128" NPT	1/128" NPT	1/128" NPT	1/128" NPT
A8	1/256" NPT	1/256" NPT	1/256" NPT	1/256" NPT	1/256" NPT
A9	1/512" NPT	1/512" NPT	1/512" NPT	1/512" NPT	1/512" NPT
A10	1/1024" NPT	1/1024" NPT	1/1024" NPT	1/1024" NPT	1/1024" NPT
A11	1/2048" NPT	1/2048" NPT	1/2048" NPT	1/2048" NPT	1/2048" NPT
A12	1/4096" NPT	1/4096" NPT	1/4096" NPT	1/4096" NPT	1/4096" NPT
A13	1/8192" NPT	1/8192" NPT	1/8192" NPT	1/8192" NPT	1/8192" NPT
A14	1/16384" NPT	1/16384" NPT	1/16384" NPT	1/16384" NPT	1/16384" NPT
A15	1/32768" NPT	1/32768" NPT	1/32768" NPT	1/32768" NPT	1/32768" NPT
A16	1/65536" NPT	1/65536" NPT	1/65536" NPT	1/65536" NPT	1/65536" NPT
A17	1/131072" NPT	1/131072" NPT	1/131072" NPT	1/131072" NPT	1/131072" NPT
A18	1/262144" NPT	1/262144" NPT	1/262144" NPT	1/262144" NPT	1/262144" NPT
A19	1/524288" NPT	1/524288" NPT	1/524288" NPT	1/524288" NPT	1/524288" NPT
A20	1/1048576" NPT	1/1048576" NPT	1/1048576" NPT	1/1048576" NPT	1/1048576" NPT
A21	1/2097152" NPT	1/2097152" NPT	1/2097152" NPT	1/2097152" NPT	1/2097152" NPT
A22	1/4194304" NPT	1/4194304" NPT	1/4194304" NPT	1/4194304" NPT	1/4194304" NPT
A23	1/8388608" NPT	1/8388608" NPT	1/8388608" NPT	1/8388608" NPT	1/8388608" NPT
A24	1/16777216" NPT	1/16777216" NPT	1/16777216" NPT	1/16777216" NPT	1/16777216" NPT
A25	1/33554432" NPT	1/33554432" NPT	1/33554432" NPT	1/33554432" NPT	1/33554432" NPT
A26	1/67108864" NPT	1/67108864" NPT	1/67108864" NPT	1/67108864" NPT	1/67108864" NPT
A27	1/134217728" NPT	1/134217728" NPT	1/134217728" NPT	1/134217728" NPT	1/134217728" NPT
A28	1/268435456" NPT	1/268435456" NPT	1/268435456" NPT	1/268435456" NPT	1/268435456" NPT
A29	1/536870912" NPT	1/536870912" NPT	1/536870912" NPT	1/536870912" NPT	1/536870912" NPT
A30	1/1073741824" NPT	1/1073741824" NPT	1/1073741824" NPT	1/1073741824" NPT	1/1073741824" NPT
A31	1/2147483648" NPT	1/2147483648" NPT	1/2147483648" NPT	1/2147483648" NPT	1/2147483648" NPT
A32	1/4294967296" NPT	1/4294967296" NPT	1/4294967296" NPT	1/4294967296" NPT	1/4294967296" NPT
A33	1/8589934592" NPT	1/8589934592" NPT	1/8589934592" NPT	1/8589934592" NPT	1/8589934592" NPT
A34	1/17179869184" NPT	1/17179869184" NPT	1/17179869184" NPT	1/17179869184" NPT	1/17179869184" NPT
A35	1/34359738368" NPT	1/34359738368" NPT	1/34359738368" NPT	1/34359738368" NPT	1/34359738368" NPT
A36	1/68719476736" NPT	1/68719476736" NPT	1/68719476736" NPT	1/68719476736" NPT	1/68719476736" NPT
A37	1/137438953472" NPT	1/137438953472" NPT	1/137438953472" NPT	1/137438953472" NPT	1/137438953472" NPT
A38	1/274877906944" NPT	1/274877906944" NPT	1/274877906944" NPT	1/274877906944" NPT	1/274877906944" NPT
A39	1/549755813888" NPT	1/549755813888" NPT	1/549755813888" NPT	1/549755813888" NPT	1/549755813888" NPT
A40	1/1099511627776" NPT	1/1099511627776" NPT	1/1099511627776" NPT	1/1099511627776" NPT	1/1099511627776" NPT
A41	1/2199023255552" NPT	1/2199023255552" NPT	1/2199023255552" NPT	1/2199023255552" NPT	1/2199023255552" NPT
A42	1/4398046511104" NPT	1/4398046511104" NPT	1/4398046511104" NPT	1/4398046511104" NPT	1/4398046511104" NPT
A43	1/8796093022208" NPT	1/8796093022208" NPT	1/8796093022208" NPT	1/8796093022208" NPT	1/8796093022208" NPT
A44	1/17592186044416" NPT	1/17592186044416" NPT	1/17592186044416" NPT	1/17592186044416" NPT	1/17592186044416" NPT
A45	1/35184372088832" NPT	1/35184372088832" NPT	1/35184372088832" NPT	1/35184372088832" NPT	1/35184372088832" NPT
A46	1/70368744177664" NPT	1/70368744177664" NPT	1/70368744177664" NPT	1/70368744177664" NPT	1/70368744177664" NPT
A47	1/140737488355328" NPT	1/140737488355328" NPT	1/140737488355328" NPT	1/140737488355328" NPT	1/140737488355328" NPT
A48	1/281474976710656" NPT	1/281474976710656" NPT	1/281474976710656" NPT	1/281474976710656" NPT	1/281474976710656" NPT
A49	1/562949953421312" NPT	1/562949953421312" NPT	1/562949953421312" NPT	1/562949953421312" NPT	1/562949953421312" NPT
A50	1/1125899906842624" NPT	1/1125899906842624" NPT	1/1125899906842624" NPT	1/1125899906842624" NPT	1/1125899906842624" NPT
A51	1/2251799813685248" NPT	1/2251799813685248" NPT	1/2251799813685248" NPT	1/2251799813685248" NPT	1/2251799813685248" NPT
A52	1/4503599627370496" NPT	1/4503599627370496" NPT	1/4503599627370496" NPT	1/4503599627370496" NPT	1/4503599627370496" NPT
A53	1/9007199254740992" NPT	1/9007199254740992" NPT	1/9007199254740992" NPT	1/9007199254740992" NPT	1/9007199254740992" NPT
A54	1/18014398509481984" NPT	1/18014398509481984" NPT	1/18014398509481984" NPT	1/18014398509481984" NPT	1/18014398509481984" NPT
A55	1/36028797018963968" NPT	1/36028797018963968" NPT	1/36028797018963968" NPT	1/36028797018963968" NPT	1/36028797018963968" NPT
A56	1/72057594037927936" NPT	1/72057594037927936" NPT	1/72057594037927936" NPT	1/72057594037927936" NPT	1/72057594037927936" NPT
A57	1/144115188075855872" NPT	1/144115188075855872" NPT	1/144115188075855872" NPT	1/144115188075855872" NPT	1/144115188075855872" NPT
A58	1/288230376151711744" NPT	1/288230376151711744" NPT	1/288230376151711744" NPT	1/288230376151711744" NPT	1/288230376151711744" NPT
A59	1/576460752303423488" NPT	1/576460752303423488" NPT	1/576460752303423488" NPT	1/576460752303423488" NPT	1/576460752303423488" NPT
A60	1/1152921504606846976" NPT	1/1152921504606846976" NPT	1/1152921504606846976" NPT	1/1152921504606846976" NPT	1/1152921504606846976" NPT
A61	1/2305843009213693952" NPT	1/2305843009213693952" NPT	1/2305843009213693952" NPT	1/2305843009213693952" NPT	1/2305843009213693952" NPT
A62	1/4611686018427387904" NPT	1/4611686018427387904" NPT	1/4611686018427387904" NPT	1/4611686018427387904" NPT	1/4611686018427387904" NPT
A63	1/9223372036854775808" NPT	1/9223372036854775808" NPT	1/9223372036854775808" NPT	1/9223372036854775808" NPT	1/9223372036854775808" NPT
A64	1/18446744073709551616" NPT	1/18446744073709551616" NPT	1/18446744073709551616" NPT	1/18446744073709551616" NPT	1/18446744073709551616" NPT
A65	1/36893488147419103232" NPT	1/36893488147419103232" NPT	1/36893488147419103232" NPT	1/36893488147419103232" NPT	1/36893488147419103232" NPT
A66	1/73786976294838206464" NPT	1/73786976294838206464" NPT	1/73786976294838206464" NPT	1/73786976294838206464" NPT	1/73786976294838206464" NPT
A67	1/147573952589676412928" NPT	1/147573952589676412928" NPT	1/147573952589676412928" NPT	1/147573952589676412928" NPT	1/147573952589676412928" NPT
A68	1/295147905179352825856" NPT	1/295147905179352825856" NPT	1/295147905179352825856" NPT	1/295147905179352825856" NPT	1/295147905179352825856" NPT
A69	1/590295810358705651712" NPT	1/590295810358705651712" NPT	1/590295810358705651712" NPT	1/590295810358705651712" NPT	1/590295810358705651712" NPT
A70	1/1180591620717411303424" NPT	1/1180591620717411303424" NPT	1/1180591620717411303424" NPT	1/1180591620717411303424" NPT	1/1180591620717411303424" NPT
A71	1/2361183241434822606848" NPT	1/2361183241434822606848" NPT	1/2361183241434822606848" NPT	1/2361183241434822606848" NPT	1/2361183241434822606848" NPT
A72	1/4722366482869645213696" NPT	1/4722366482869645213696" NPT	1/4722366482869645213696" NPT	1/4722366482869645213696" NPT	1/4722366482869645213696" NPT
A73	1/9444732965739290427392" NPT	1/9444732965739290427392" NPT	1/9444732965739290427392" NPT	1/9444732965739290427392" NPT	1/9444732965739290427392" NPT
A74	1/18889465931478580854784" NPT	1/18889465931478580854784" NPT	1/18889465931478580854784" NPT	1/18889465931478580854784" NPT	1/18889465931478580854784" NPT
A75	1/37778931862957161709568" NPT	1/37778931862957161709568" NPT	1/37778931862957161709568" NPT	1/37778931862957161709568" NPT	1/37778931862957161709568" NPT
A76	1/75557863725914323419136" NPT	1/75557863725914323419136" NPT	1/75557863725914323419136" NPT	1/75557863725914323419136" NPT	1/75557863725914323419136" NPT
A77	1/151115727451828646838272" NPT	1/151115727451828646838272" NPT	1/151115727451828646838272" NPT	1/151115727451828646838272" NPT	1/151115727451828646838272" NPT
A78	1/302231454903657293676544" NPT	1/302231454903657293676544" NPT	1/302231454903657293676544" NPT	1/302231454903657293676544" NPT	1/302231454903657293676544" NPT
A79	1/604462909807314587353088" NPT	1/604462909807314587353088" NPT	1/604462909807314587353088" NPT	1/604462909807314587353088" NPT	1/604462909807314587353088" NPT
A80	1/1208925819614629174706176" NPT	1/1208925819614629174706176" NPT	1/1208925819614629174706176" NPT	1/1208925819614629174706176" NPT	1/1208925819614629174706176" NPT
A81	1/2417851639229258349412352" NPT	1/2417851639229258349412352" NPT	1/2417851639229258349412352" NPT	1/2417851639229258349412352" NPT	1/2417851639229258349412352" NPT
A82	1/4835703278458516698824704" NPT	1/4835703278458516698824704" NPT	1/4835703278458516698824704" NPT	1/4835703278458516698824704" NPT	1/4835703278458516698824704" NPT
A83	1/9671406556917033397649408" NPT	1/9671406556917033397649408" NPT	1/9671406556917033397649408" NPT	1/9671406556917033397649408" NPT	1/9671406556917033397649408" NPT
A84	1/19342813113834066795298816" NPT	1/19342813113834066795298816" NPT	1/19342813113834066795298816" NPT	1/19342813113834066795298816" NPT	1/19342813113834066795298816" NPT
A85	1/38685626227668133590597632" NPT	1/38685626227668133590597632" NPT	1/38685626227668133590597632" NPT	1/38685626227668133590597632" NPT	1/38685626227668133590597632" NPT
A86	1/77371252455336267181195264" NPT	1/77371252455336267181195264" NPT	1/77371252455336267181195264" NPT	1/77371252455336267181195264" NPT	1/77371252455336267181195264" NPT
A87	1/154742504910672534362390528" NPT	1/154742504910672534362390528" NPT	1/154742504910672534362390528" NPT	1/154742504910672534362390528" NPT	1/154742504910672534362390528" NPT
A88	1/309485009821345068724781056" NPT	1/309485009821345068724781056" NPT	1/309485009821345068724781056" NPT	1/309485009821345068724781056" NPT	1/309485009821345068724781056" NPT
A89	1/618970019642690137449562112" NPT	1/618970019642690137449562112" NPT	1/618970019642690137449562112" NPT	1/618970019642690137449562112" NPT	1/618970019642690137449562112" NPT
A90	1/1237940039285380274899124224" NPT	1/1237940039285380274899124224" NPT	1/1237940039285380274899124224" NPT	1/1237940039285380274899124224" NPT	1/1237940039285380274899124224" NPT
A91	1/2475880078570760549798248448" NPT	1/2475880078570760549798248448" NPT	1/2475880078570760549798248448" NPT	1/2475880078570760549798248448" NPT	1/2475880078570760549798248448" NPT
A92	1/4951760157141521099596496896" NPT	1/4951760157141521099596496896" NPT	1/4951760157141521099596496896" NPT	1/4951760157141521099596496896" NPT	1/4951760157141521099596496896" NPT
A93	1/9903520314283042199192993792" NPT	1			

