


T84T - 3/2 shut-off valve

Excelon® Plus Modular System



- > Port size: 3/8" ... 3/4" (ISO G/PTF)
- > Excelon® Plus design allows in-line installation or modular installation with other Excelon® Plus products
- > 3/2 way function
- > Threaded exhaust port
- > Lockable in closed position with padlock
- > High Corrosion resistance: Metal body with electrophoretic paint finish
- >  DoC in accordance with 2014/34/EU/ATEX



Technical features

Medium:

Compressed air only

Maximum supply pressure:

20 bar (290 psi)

Port size:

G3/8, G1/2, G3/4,
3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:

From IN to OUT ports:

1/2": 162 dm³/s at 6,3 bar and
Δp 0,5 bar pressure drop,
1,8 dm³/s from OUT to exhaust
port.

Atex:

Shut-off valves T84 are in
conformity with ATEX 2014/34/EU

 II 2 GD

Ex h IIC T6 Gb

EX h IIIC T85°C Db

Ambient/Media temperature:

-20 ... +65°C (-4 ... +149°F)

Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C
(+35°F).

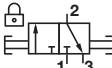
Materials:

Body: Die cast aluminium

Body covers: ABS

Elastomers: NBR

Technical data T84T - standard models

Symbol	Port size	Function	Valve type	Exhaust port forms	Weight (kg)	Model
	G3/8	3/2	Ball valve	Exhaust port threaded G1/4	0,48	T84T-3GA-B1N
	G1/2	3/2	Ball valve	Exhaust port threaded G1/4	0,48	T84T-4GA-B1N
	G3/4	3/2	Ball valve	Exhaust port threaded G1/4	0,48	T84T-6GA-B1N

Option selector

T84T-★★A-B1N

Function	Substitute	Thread form	Substitute
3/2	T	PTF	A
		ISO G parallel (standard)	G
Port size	Substitute		
3/8"	3		
1/2"	4		
3/4"	6		

Excelon Plus adheres to the following harmonised standard and technical specifications:

2014/34/EU Equipment and protective systems intended for use in potentially explosive atmospheres.

The following harmonised standards and technical specifications have been applied ISO 4414:2010 – Pneumatic fluid power – General rules and safety requirements for systems and their components; ISO 80079-36:2016 – Explosive atmospheres – Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements; ISO 80079-37:2016 – Explosive atmospheres

Part 37: Non-electrical equipment for explosive atmospheres – Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k".



II 2 GD

Ex h IIC T6 Gb

Ex h IIIC T85°C Db

ATEX Certification No.: NORGREN 18.0001X

For a copy of the Declaration of Conformity (DoC) please use the link http://cdn.norgren.com/pdf/IM_Excelon_Plus_EN_final.pdf