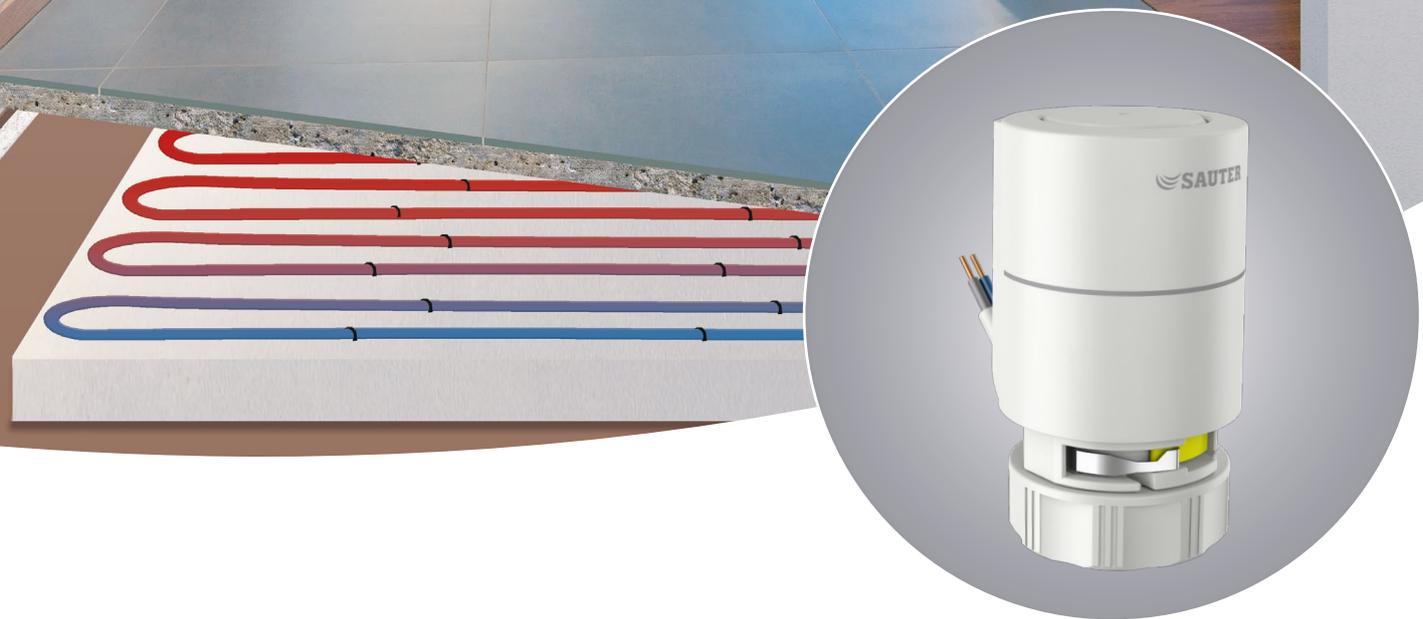


SAUTER AXT4

Thermal actuator technology for small valves
and underfloor distributors

21°C



Unlimited possibilities in the smallest space

Economical operation in every application

The SAUTER AXT4 thermal actuator for unit valves combines elegant, compact design with energy-efficient control precision. Its installation standards meet the requirements for universal, simple, cost-effective fitting, and it is simultaneously compatible with unit valves of different designs. This benefits installers and end users alike.



Two basic versions

	Type AXT411F**0	Type AXT411F**2
Power supply	230 V~	24 V~/=
Normally closed / open	NO/NC	NO/NC
Stroke	4.5 mm	4.5 mm
Running time	3.5 min	4.5 min
Start-up current	150 mA	200 mA
Power consumption ¹⁾	1.7 W	1.6 W
Pushing force	110 N	
Closing dimension	NO 15.1 mm/NC 10.8 mm ²⁾	
Type of protection	IP54 (EN 60730-1)	
Ambient temperature	0...50 °C	
Connection thread	M30 x 1.5	
Height (incl. nut)	72/68 mm	
Diameter	39 mm	
Power cable length	1/2/5 m	

¹⁾ during continuous operation

²⁾ NC can be additionally reduced with adapter

Numerous applications

- Radiators
- Underfloor heating
- Chilled ceilings
- Fan coils
- etc.

Possible combinations with valves from SAUTER

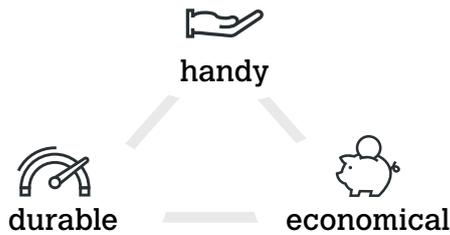
Valve type	Product type	Nominal diameter [mm]	K _{vs} value [m ³ /h]	Δp _{max} in bar	Characteristic	Stroke [mm]	Leakage rate [% of K _{vs}]
2-way valves	VUT	10...20	0.2...4.5	1.0...2.5	quasi-linear	3 / 4	<= 0.0001
	VUL	10...20	0.16...4.5	1.1...4.0	= %	4	0.002
PICV ³⁾	VDL	10...20	0.03...4.0	8.0	linear	2.5 / 4	0.01
3-way valves	BUT	10...20	1.0...4.5	1.0...1.7	quasi-linear ⁴⁾	3	0.0001 ⁴⁾
	BUL*F3	10...20	0.4...5.0	1.0...1.9	= % ⁴⁾	3.7	0.0001 ⁴⁾
	BXL	25 / 40	6.5 / 9.5	0.5 / 0.2	linear	2.9	0.05 ⁴⁾
3-way valves with bypass	BUL*F4	10...20	0.4...5.0	1.0...1.9	= % ⁴⁾	3.7	0.0001 ⁴⁾
	BUT*F4	10...20	0.63...4.5	0.9...1.5	quasi-linear ⁴⁾	3	0.0001 ⁴⁾

³⁾ PICV = Pressure Independent Control Valves

⁴⁾ control passage A - AB

Small, compact and can be fitted quickly

State-of-the-art new version of the tried and tested design



The SAUTER AXT4 is the logical further development of our successful thermal actuator technology for unit valves and underfloor distributors in room automation. It impresses with its compact design, a tried and tested expansion element and low power consumption. The AXT4 is easy to install and opens and closes quickly – with an additional manual re-open function.

TYPE OF PROTECTION
IP54 in any fitting position

CABLES FOR EVERY APPLICATION
available in various lengths,
also halogen-free

CAP NUTS
Direct fitting for all
standard valve bodies with
M30 x 1.5 connection

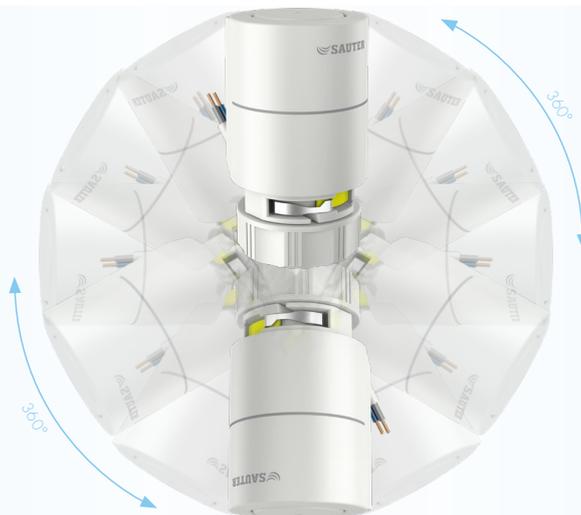


VISIBLE STROKE INDICATOR
in fluorescent yellow

FIRST-OPEN FUNCTION
Installation without force; after
deinstallation can be returned
to the original state

CLOSING DIMENSION ADAPTERS
for closing dimensions 8.4 mm
and 10.2 mm

FLEXIBLE INSTALLATION
possible in any position



OEM OPTIONS
via customer-specific
adjustments



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Further product information is available online

