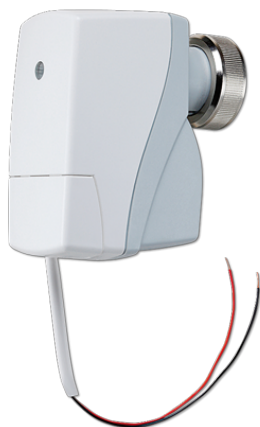


Product data sheet

Valve drive (motor-operated) with controller



Reference number

2177 SV R

KNX valve drive (motor-operated)

with controller

electromechanical servo drive

ETS product family: Heating, A/C, Ventilation

Product type: Valve

Intended use

- Motor-operated valve drive for heating or cooling valves
- To be screwed on valve head

Product characteristics

- Integrated temperature sensor
- Room temperature control
- Mechanical indication of valve lift
- Automatic detection of valve lift
- One input, can be used as binary input or for an external temperature sensor (ref.-no.: FF 7.8)
- Use in heating circles possible
- Integrated bus coupling unit
- Valve protection function

Accessories:

external sensor ref.-no.: FF 7.8

Technical data

KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	max. 20 mA
Protection class:	III
Valve connection:	M 30 x 1.5
Valve lift:	1.0 ... 4.2 mm
Actuating power:	80 ... 120 N
Dimensions (L x W x H):	76 x 47 x 85 mm
Connection cable	
Cable type:	J-YY 1 x 2 x 0.6 mm
Cable length:	1 m
Total length per line:	max. 30 m
Number of drives per line:	max. 30
Connection cable, binary input/external sensor	
Voltage satellite inputs:	approx. 3.3 V
Cable length:	max. 10 m
single wire:	1 x 0.08 ... 1.5 mm ²
stranded without ferrule:	1 x 0.08 ... 1 mm ²
stranded with ferrule:	1 x 0.14 ... 0.5 mm ²

Protection level:	IP 40
Ambient temperature:	0 ... +50 °C
Storage/transport temperature:	–20 ... +70 °C
Relative humidity:	5 ... 95 % (no condensation)