

evo*sense*



- Environmentally friendly materials
- Accurate
- Energy saving
- Connections: M28x1,5/M30x1,5
- Temperature: 0°C - 28°C

Description **evosense**

Area of use

The thermostatic head Evosense is used to control room temperature via the integrated Ecobrass sensor with Wmotion enclosed technology on thermostatic radiator valves in heating systems.

MMA Evosense fits all MMA's thermostatic valves and radiator manifolds.

The unique Evosense sprint is designed to shorten commissioning time by setting all valves at nominal setting and adding state of the art balancing accuracy, enabling energy savings and lowering return temperature.

Description

Evosense is a self-acting adjustable thermostatic head adapted to MMA valves range to provide the best possible room control.

The set value is displayed in a window on the thermostatic head.

The standard temperature range is 0-28°C,

but can be delivered with maximum limitation or minimum limited setting from the factory.

The symbol * protects against frost damage, for example, rooms that are not in use.

The thermostatic head Evosense closes the valve completely at the setting "0".

We recommend that the valve is plugged during service/maintenance.

MMA's temperature labelling refers to closing temperatures, when the thermostatic head is fully closed.

Room temperature is about 2°C lower.

Evosense fits on all MMA valves and have a connection that is M28x1,5,

for valves from other manufacturers it is also available with connection M30x1.5.

Evosense is approved to EN215 with FVR10, FVV10, FVAV10, FVR15, FVV15 and FVAV15.

Evosense Sprint is equipped with balancing sprint to enable accurate and time saving commissioning.

Evosense Sprint should be used for thermostatic valve FVRe.



Evosense Remote is used where the sensor can not be placed on the radiator valve.



Technical data **evosense**



Temperature setting range

0-28°C

Hysteresis

0,24 K

Water temperature influence

0,65 K

Differential pressure influence

0,2 K

Response time

22 minutes

Maximum storage temperature

50°C

Material

Low lead brass, PBT, POM, steel

Colour	NCS	RAL
White	0500N	RAL 9016
Black	8500N	RAL 9011

Weight

118 g

Approvals/Environmental classification

Certita 0,4

Thermostatic head Evosense meet force requirements according to EN 215 with 15 kg.
Thermostatic head Eosense **Public** have reinforced specifications and meet force up to 60 kg.

Product Information **evosense**



Article numbers

Evosense standard with temperature limitation.

Temperature ranges shown below.

Article number	Name	Description	Colour	Specification
FD0T10M2800A28SE0	Evosense	0-28°C, M28x1,5	white	
FD0T10M2800A18SE0	Evosense	0-18°C, M28x1,5	white	
FD0T10M2800A19SE0	Evosense	0-19°C, M28x1,5	white	
FD0T10M2800A20SE0	Evosense	0-20°C, M28x1,5	white	
FD0T10M2800A21SE0	Evosense	0-21°C, M28x1,5	white	
FD0T10M2800A22SE0	Evosense	0-22°C, M28x1,5	white	
FD0T10M2800A23SE0	Evosense	0-23°C, M28x1,5	white	
FD0T10M2800A24SE0	Evosense	0-24°C, M28x1,5	white	
FD0T10M2800A25SE0	Evosense	0-25°C, M28x1,5	white	
FD0T10M2800A26SE0	Evosense	0-26°C, M28x1,5	white	
FD0T10M3000A28SE0	Evosense	0-28°C, M30x1,5	white	

Article number	Name	Description	Colour	Specification
FD0T10M2800B18SE0	Evosense	8-18°C, M28x1,5	white	
FD0T10M2800B20SE0	Evosense	8-20°C, M28x1,5	white	
FD0T10M2800B22SE0	Evosense	8-22°C, M28x1,5	white	
FD0T10M2800B23SE0	Evosense	8-23°C, M28x1,5	white	
FD0T10M2800B24SE0	Evosense	8-24°C, M28x1,5	white	
FD0T10M2800B25SE0	Evosense	8-25°C, M28x1,5	white	
FD0T10M2800B26SE0	Evosense	8-26°C, M28x1,5	white	

Article number	Name	Description	Colour	Specification
FD0T10M2800A28BP0	Evosense	0-28°C, M28x1,5	white	100-pack bulk
FD0T10M2800A22BP0	Evosense	0-22°C, M28x1,5	white	100-pack bulk
FD0T10M2800A23BP0	Evosense	0-23°C, M28x1,5	white	100-pack bulk
FD0T10M2800A24BP0	Evosense	0-24°C, M28x1,5	white	100-pack bulk
FD0T10M2800B22BP0	Evosense	8-22°C, M28x1,5	white	100-pack bulk
FD0T10M2800B24BP0	Evosense	8-24°C, M28x1,5	white	100-pack bulk

Product Information **evosense**



Article numbers

Evosense sprint with temperature limitation.
Temperature ranges shown below.

Article number	Name	Description	Colour	Specification
FD0T20M2800A28SE0	Evosense	0-28°C, M28x1,5	white	sprint
FD0T20M2800A18SE0	Evosense	0-18°C, M28x1,5	white	sprint
FD0T20M2800A20SE0	Evosense	0-20°C, M28x1,5	white	sprint
FD0T20M2800A21SE0	Evosense	0-21°C, M28x1,5	white	sprint
FD0T20M2800A22SE0	Evosense	0-22°C, M28x1,5	white	sprint
FD0T20M2800A23SE0	Evosense	0-23°C, M28x1,5	white	sprint
FD0T20M2800A24SE0	Evosense	0-24°C, M28x1,5	white	sprint
FD0T20M2800A25SE0	Evosense	0-25°C, M28x1,5	white	sprint
FD0T20M2800A26SE0	Evosense	0-26°C, M28x1,5	white	sprint

Article number	Name	Description	Colour	Specification
FD0T20M2800B18SE0	Evosense	8-18°C, M28x1,5	white	sprint
FD0T20M2800B20SE0	Evosense	8-20°C, M28x1,5	white	sprint
FD0T20M2800B22SE0	Evosense	8-22°C, M28x1,5	white	sprint
FD0T20M2800B23SE0	Evosense	8-23°C, M28x1,5	white	sprint
FD0T20M2800B24SE0	Evosense	8-24°C, M28x1,5	white	sprint
FD0T20M2800B25SE0	Evosense	8-25°C, M28x1,5	white	sprint
FD0T20M2800B26SE0	Evosense	8-26°C, M28x1,5	white	sprint

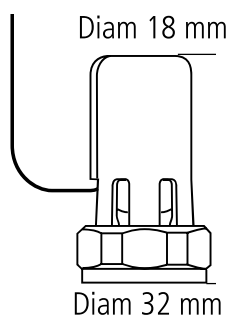
Product Information **evosense**



Article numbers

Evosense Remote with temperature limitation.
Temperature ranges shown below.

Article number	Name	Description	Colour	Specification
FD0T30M28M2A28SE0	Evosense remote	8-28°C temperture range	white	2 m kapillärrör
FD0T30M28M5A28SE0	Evosense remote	8-28°C temperture range	white	5 m kapillärrör
FD0T30M28M8A28SE0	Evosense remote	8-28°C temperture range	white	8 m kapillärrör
FD0T30M28M2A22SE0	Evosense remote	8-22°C temperture range	white	2 m kapillärrör
FD0T30M28M2A23SE0	Evosense remote	8-23°C temperture range	white	2 m kapillärrör
FD0T30M28M2A24SE0	Evosense remote	8-24°C temperture range	white	2 m kapillärrör
FD0T30M28M1T10SE0	Evosense remote T10	5-49°C temperture range	white	1,5 m kapillärrör
FD0T30M28M2T10SE0	Evosense remote T10	5-49°C temperture range	white	2 m kapillärrör
FD0T30M28M5T10SE0	Evosense remote T10	5-49°C temperture range	white	5 m kapillärrör



Article numbers

Evosense Black



Article number	Name	Description	Colour	Specification
FD0T10M2800A28SESBLAC	Evosense black	0-28°C, M28x1,5	black	

Evosense Public



Article number	Name	Description	Colour	Specification
FD0T70M2800A28SE0	Evosense public	0-28°C, M28x1,5	white	for public environments
FD0T70M3000A28SE0	Evosense public	0-28°C, M30x1,5	white	for public environments
FD0T70M2800B23SE0	Evosense public	8-23°C, M28x1,5	white	for public environments
FD0T70M2800A22SE0	Evosense public	0-22°C, M28x1,5	white	for public environments
FD0T70M2800A23SE0	Evosense public	0-23°C, M28x1,5	white	for public environments
FD0T70000TOX00SE0	Mounting tool			for Evosense Public

We reserve the right to alter information without notice