

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.



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Technical data *evo*sense

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

Product Information **evosense**



Article numbers

Evosense standard with temperature limitation.

Temperature ranges shown below.

Article number	Name	Description	Colour	Specification
2013201028	Evosense	0-28°C, M28x1,5	white	
2013201018	Evosense	0-18°C, M28x1,5	white	
2013201019	Evosense	0-19°C, M28x1,5	white	
2013201020	Evosense	0-20°C, M28x1,5	white	
2013201021	Evosense	0-21°C, M28x1,5	white	
2013201022	Evosense	0-22°C, M28x1,5	white	
2013201023	Evosense	0-23°C, M28x1,5	white	
2013201024	Evosense	0-24°C, M28x1,5	white	
2013201025	Evosense	0-25°C, M28x1,5	white	
2013201026	Evosense	0-26°C, M28x1,5	white	
2013001028	Evosense	0-28°C, M30x1,5	white	

Article number	Name	Description	Colour	Specification
2013201818	Evosense	8-18°C, M28x1,5	white	
2013201819	Evosense	8-19°C, M28x1,5	white	
2013201820	Evosense	8-20°C, M28x1,5	white	
2013201821	Evosense	8-21°C, M28x1,5	white	
2103201822	Evosense	8-22°C, M28x1,5	white	
2013201823	Evosense	8-23°C, M28x1,5	white	
2013201824	Evosense	8-24°C, M28x1,5	white	
2013201825	Evosense	8-25°C, M28x1,5	white	
2013201826	Evosense	8-26°C, M28x1,5	white	

Article number	Name	Description	Colour	Specification
2013201028B	Evosense	0-28°C, M28x1,5	white	100-pack bulk
2013201022B	Evosense	0-22°C, M28x1,5	white	100-pack bulk
2013201023B	Evosense	0-23°C, M28x1,5	white	100-pack bulk
2013201024B	Evosense	0-24°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
2013203028	Evosense	0-28°C, M28x1,5	white	sprint
2013203018	Evosense	0-18°C, M28x1,5	white	sprint
2013203019	Evosense	0-19°C, M28x1,5	white	sprint
2013203020	Evosense	0-20°C, M28x1,5	white	sprint
2013203021	Evosense	0-21°C, M28x1,5	white	sprint
2013203022	Evosense	0-22°C, M28x1,5	white	sprint
2013203023	Evosense	0-23°C, M28x1,5	white	sprint
2013203024	Evosense	0-24°C, M28x1,5	white	sprint
2013203025	Evosense	0-25°C, M28x1,5	white	sprint
2013203026	Evosense	0-26°C, M28x1,5	white	sprint

Article number	Name	Description	Colour	Specification
2013203818	Evosense	8-18°C, M28x1,5	white	sprint
2013203819	Evosense	8-19°C, M28x1,5	white	sprint
2013203820	Evosense	8-20°C, M28x1,5	white	sprint
2013203821	Evosense	8-21°C, M28x1,5	white	sprint
2013203822	Evosense	8-22°C, M28x1,5	white	sprint
2013203823	Evosense	8-23°C, M28x1,5	white	sprint
2013203824	Evosense	8-24°C, M28x1,5	white	sprint
2013203825	Evosense	8-25°C, M28x1,5	white	sprint
2013203826	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
202320121	Evosense remote	0-28°C, M28x1,5	white	2 m capillary tube
202320151	Evosense remote	0-28°C, M28x1,5	white	5 m capillary tube
202320181	Evosense remote	0-28°C, M28x1,5	white	8 m capillary tube
202320126	Evosense remote	0-22°C, M28x1,5	white	2 m capillary tube
202320127	Evosense remote	0-23°C, M28x1,5	white	2 m capillary tube
202320128	Evosense remote	0-24°C, M28x1,5	white	2 m capillary tube
202390111	Evosense remote T10	5-49°C, M28x1,5	white	1,5 m capillary tube
202390121	Evosense remote T10	5-49°C, M28x1,5	white	2 m capillary tube
202390131	Evosense remote T10	5-49°C, M28x1,5	white	5 m capillary tube

Product Information **evosense**

Article numbers

Evosense Black



Article number	Name	Description	Colour	Specification
2013202028	Evosense black	0-28°C, M28x1,5	black	

Evosense Public



Article number	Name	Description	Colour	Specification
2013204028	Evosense public	0-28°C, M28x1,5	white	public environment
2013003028	Evosense public	0-28°C, M30x1,5	white	public environment
9001527	Mounting tool			