

OMEGA ACTIVE

OMEGA ACTIVE locking media
OMEGA 125 kHz locking media



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Technical data

Part number	248512
Active transponder key fob	Active transponder 125 kHz/868 MHz, integrated passive 125 kHz transponder for emergency operation (panic function D/firemen's access)
Reading range	Active: ca. 800 mm up to 12 m depending on reader Passive 125 kHz: ca. 15 mm
Communication frequency	868 MHz
Encrypted data transmission	128 bit/AES
Power supply	Battery: 3.0 V, type CR 2032
Tests	EN/DIN 15684
CE testing	EN 300 220-1; EN 300 330-1, 2; EN 301 489-1, 3; EN 60950-1
Service life of the key	10 years
Service life of the battery	About 2 years with 50 actuations a day, 45,000 cycles
Temperature range	-20 °C to +70 °C

Alternative part number	248513
Active transponder key fob with remote control function	Active transponder 125 kHz/868 MHz, integrated passive 125 kHz transponder for emergency operation (panic function D/firemen's access) and push-button for controlling a relay for special functions
Reading range	Active: ca. 800 mm up to 12 m depending on reader Passive 125 kHz: ca. 15 mm
RF range to Access Point	Ca. 45 m with remote control function

Alternative part number	ESA
Active transponder key fob with mechanical CES key	Active transponder 125 kHz/868 MHz, integrated passive 125 kHz transponder for emergency operation (panic function D, firemen's access) and mechanical key for all CES locking systems
Reading range	Active: ca. 800 mm up to 12 m depending on reader Passive 125 kHz: ca. 15 mm
Prohibited atmospheres	Not suitable for use in corrosive atmosphere (chlorine, ammonia, lime water)

Alternative locking media for OMEGA ACTIVE devices	
Key fob, passive 125 kHz	TagCoder Lite, encrypted data transmission 128 bit/AES; and/or EM 4102, Hitag 1, Hitag 2, Hitag S, others upon request
ID cards, passive 125 kHz (ISO)	TagCoder Lite, encrypted data transmission 128 bit/AES; and/or EM 4102, Hitag 1, Hitag 2, Hitag S, others upon request
Electronic key, passive 125 kHz, for all CES locking systems	TagCoder Lite, encrypted data transmission 128 bit/AES; and/or EM 4102, Hitag 1, Hitag 2, Hitag S, others upon request

Ordering information

Quantity	Part number	Name	Mechanical CES locking system