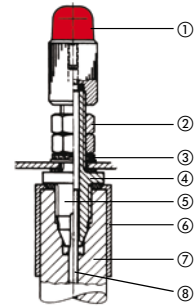


Signal anode U



- Signal unit outside of the boiler indicates when it is time to replace the anode
- For enamelled boilers or tanks with passive protection layers
- Ideal for replacing conventional sacrificial anodes in hot water tanks (100 to 500 l)
- Choice of connection G $\frac{3}{4}$, G1, G1 $\frac{1}{4}$



- | | |
|--------------------|---------------------------------|
| ① Signal unit | ④ Protective cap for test space |
| ② Screw connection | ⑦ Magnesium anode, unused |
| ③ Seal | ⑧ Steel core |
| ④ Anode mount | |
| ⑤ Test space | |

Application Protection against frequently unnoticed corrosion damage in water heaters. Primarily for use in enamelled boilers or hot water tanks with other types of passive protective coatings. Signal anodes replace consumed conventional sacrificial anodes primarily in hot water tanks with a capacity of 100 to 500 litres. Defective areas in enamel or other passive protective coatings are subject to corrosion; this causes a flow of current which is transformed into a protective current by the anode material. The anode material thus falls victim to electro-chemical corrosion. Since the protective function of the anode rod is not unlimited, consumed anodes have to be replaced.

Description Universal, complete signal anode as per EN 12828, made of magnesium alloy. Version with screw fitting, signal unit and instruction label. The parts submerged in water are heat-resistant up to operating temperatures of 100 °C and comply with the German Food Act. When the anode material is used up, water penetrates the test space and causes a red discolouration of the signal unit to indicate that the anode is used up. In the case of conventional anodes (rod or chain anode), the boiler has to be opened for anode inspection.

Technical specifications

System pressure

Max. 15 bar

Operating temperature range

Medium: 0/100 °C

Connections

Female connection G $\frac{3}{4}$, G1 or G1 $\frac{1}{4}$

Dimensions (L x Ø)

G $\frac{3}{4}$: 1,000 x 21 mm (5 elements)

G $\frac{3}{4}$: 500 x 22 mm

G1: 500 x 26 mm

G1 $\frac{1}{4}$: 500 x 33 mm

DG: G, PG: 3	Form	Connection			Part no.	Price €
Signal anode U 21-$\frac{3}{4}$	chain, 5 elements	G $\frac{3}{4}$	1	-	69816	
Signal anode U 22-$\frac{3}{4}$	rod	G $\frac{3}{4}$	1	-	69800	
Signal anode U 26-1	rod	G1	1	-	69805	
Signal anode U 33-1$\frac{1}{4}$	rod	G1 $\frac{1}{4}$	1	-	69810	