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MICRO RPE514



LEADER IN FLUID MANAGEMENT CONTROL



MICRO RPE514

THE NEW COMPACT SOLENOID VALVE BY RPE FOR ADVANCED ELECTRONIC FAUCETS

HIGH PERFORMANCE

SIMPLIFIED INSTALLATION

DESIGN FLEXIBILITY





ABOUT RPE SRL

RPE is a leading European company in the design and production of solenoid valves for water applications. Know-how, innovation, 100% made in Italy manufacturing, and certified materials for drinking water.





WHAT MICRO RPE514 IS FOR

MAIN APPLICATIONS



- ELECTRONIC FAUCETS
- SMART SHOWERS
- INTELLIGENT SHOWERHEADS
- WATER-SAVING SYSTEMS
- PUBLIC AND SANITARY ENVIRONMENTS (HIGH HYGIENE DEMAND)

KEY FEATURES



- IDEAL FOR TIGHT SPACES
- SUITABLE FOR HOT WATER
- OPTIMIZED FOR FREQUENT ON/OFF CYCLES
- LONG-LASTING AND ENERGY-EFFICIENT



WHAT MICRO RPE514 IS FOR



ELECTRONIC FAUCETS



SMART SHOWERS



INTELLIGENT SHOWERHEADS



TECHNICAL DATA

FEATURES

- Removable plastic filter
- Inverted flow vs our standard Micro
- Standard + custom wiring
- Ultra-compact design
- Wrench installation
- Low power consumption
- Water contact materials KTW 85° compliant
- Drinking water compliant materials

BENEFITS

- Easier cleaning, faster maintenance
- Greater design flexibility
- OEM adaptability
- Easy integration in any faucet design
- Faster, user-friendly mounting
- Long battery life, no frequent servicing
- Suitable for hot water
- Fully certified for potable use



UNIQUE TECHNICAL ADVANTAGES

Voltage: 6V Latching (other options on request)

Max fluid temperature: 85°C

Materials: PA12 - Drinking water compliant

Working pressure: 0,5 - 10 bar

Compatibility: Hot & cold water

Custom options: Wires, connectors upon request



FILTER REPLACEMENT



To replace the filter, it is necessary to remove the O-ring.



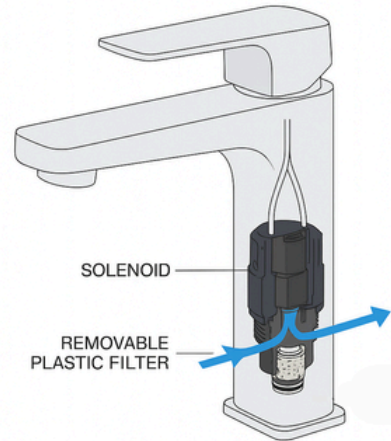
You can then proceed with removing and replacing the filter.





WHY CHOOSE RPE

- Simpler installation and maintenance;
- More design freedom for faucet manufacturers;
- Performance tailored for sanitary and residential systems;
- Flexible production – perfect for OEM customization.





MARKET COMPARISON

	MICRO RPE514	COMPETITORS
Removable filter	✓	✗
Competitive pricing	✓	✗
Made in Italy	✓	✗



CHOOSE THE NEW MICRO RPE514 FOR YOUR NEXT ELECTRONIC FAUCET PROJECT!

- ✓ Samples available upon request
- ✓ Technical support & OEM co-design
- ✓ Flexible manufacturing and logistics



Contact us today: customercare@rpesrl.it