# HK SP CO

Coil for HKDH solenoid-operated valve

## Properties

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|---|---|
| **Scope of supply** | with O-ring |
| **Corresponding connectors** | HKSP664, HKSP666, HKSP667, HKSP668, HKSP669 (rectifier plug) |



## Note

As far as AC coils are concerned, power input is considerably higher in the take-up phase than in the stopping phase.
These must therefore never be operated without a magnet core since there is a danger of overheating and the coil can burn through.
A similar effect occurs if valves with AC magnets are operated with extremely high pulse frequencies (On / Off). In such cases the coils, which are often in the vicinity of the high power input, can also overheat. For such applications the use of RC coils with rectifier plugs is recommended.
With DC coils extremely high power spikes can occur during powering down. We therefore recommend the use of plugs with protective circuits when using such coils.
Tightening torque for attaching nuts of the solenoid coils: 3Nm
Please use rectifier plug HKSP669 for solenoid coils type RC.

## Ordering information

Other types of coil on request

## Item

| Identification | Nominal voltage +/- 10 % | for valve type | Average power consumption (W) | Average current consumption (A) | Weight (kg) |
|---|---|---|---|---|---|
| **HK SP COU 12DC** | 12 VDC | HK DHI | 33 | 2,80 | 0,25 |
| **HK SP COU 24DC** | 24 VDC | HK DHI | 33 | 1,40 | 0,25 |
| **HK SP COU 28DC** | 28 VDC | HK DHI | 35 | 1,24 | 0,25 |
| **HK SP COI 110AC** | 110 VAC | HK DHI | 60 | 0,50 | 0,18 |
| **HK SP COI 230AC** | 230 VAC | HK DHI | 60 | 0,25 | 0,25 |
| **HK SP COU 230 RC** | 230 VRC | HK DHI | 40 | 0,25 | 0,25 |
| **HK SP COE 12DC** | 12 VDC | HK DHE DC | 30 | 2,80 | 0,30 |
| **HK SP COE 24DC** | 24 VDC | HK DHE DC | 30 | 1,40 | 0,30 |
| **HK SP COE 28DC** | 28 VDC | HK DHE DC | 30 | 1,24 | 0,30 |
| **HK SP COER 230AC** | 230 VAC | HK DHER AC | 30 | 0,25 | 0,30 |
| **HK SP COE 110AC** | 110 VAC | HK DHE AC | 30 | 0,50 | 0,30 |
| **HK SP COE 230AC** | 230 VAC | HK DHE AC | 30 | 0,25 | 0,30 |
| **HK SP COE 230RC** | 230 VRC | HK DHE DC | 58 | 0,25 | 0,30 |

## Accessories

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|---|---|
| **HK SP DIN 43650** | Electrical plug for solenoid coil DIN 43650 / ISO 4400 |
| **HK UEB MUT** | Cap nut for solenoid-operated directional control valve |

## Spare part for following products

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|---|---|
| **HK DHE X 00 DC** | Solenoid-operated directional control valve size 6 without coil |
| **HK DHE X 00 AC** | Solenoid-operated directional control valve size 6 without coil |

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