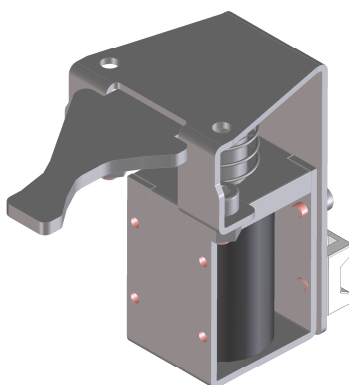
**Design**

The DC solenoid is a solenoid in pulling version. The armature is plunged in the coil reel and is guided by the coil reel.

Function

By applying a voltage to the excitation windings the armature is lowered by 10 mm. If the voltage is switched off, the armature returns to its initial position by means of an external return spring. The solenoid is used as drive for a sorting gate or a separator of workpieces.


**Design of the sorting gate/separator with DC solenoid and return spring****Note**

In continuous operation, the solenoid may reach a temperature of up to 100 °C.

701417

DC solenoid

Technical data

Electrical	
Operating voltage	24 V DC
Duty cycle	100 %
Power consumption	5 W
Operating temperature	100 °C (at 100 % duty cycle)
Stroke	10 mm
Service life	approx. 100.000 switching cycles
Degree of protection	IP 00
Connection	Cable 0,25 mm ² , 180 mm long
Low voltage directive 72/23/CEE	
Warranty of safety objectives	Checked in accordance with DIN VDE 0580