

SEPARATORS

SERIES VEE9200

▶ PRODUCT ADVANTAGES



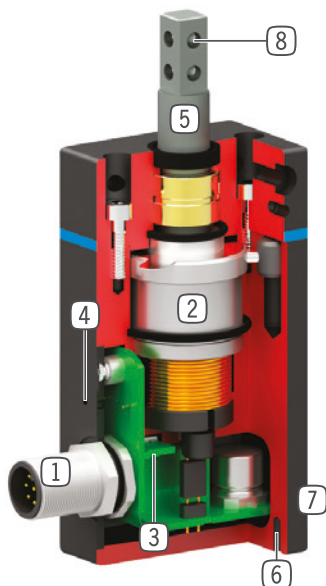
- ▶ **250 cycles per minute**
If speed is the key, nothing beats this unit. This lets you increase your component output and lower your unit costs,
- ▶ **Saving energy with pulse control**
You only have to supply current briefly when retracting and extending the plunger. No energy is required at the end positions
- ▶ **Plug and play**
Reduce your design and programming effort to a minimum with the integrated control system and the 2-position query

▶ SERIES CHARACTERISTICS

Installation size		
VEE92XX		
I/O	Digital I/O	•
	30 million maintenance-free cycles (max.)	•
	Integrated sensing	•
IP 40	IP40	•



► BENEFITS IN DETAIL



- 1 Energy supply**
 - standardized interface M12 round connector
- 2 Drive**
 - via Pot magnet and coil bobbin according to the coil system principle
 - energy consumption only at impulse <25 ms
- 3 Position sensing**
 - integrated Hallsensor
 - 2 positions monitorable
- 4 Status control**
 - optical LED position display
- 5 Tapped rod**
 - Aluminium hardcoated
- 6 Mounting and positioning**
 - mounting possible from several sides for versatile positioning
- 7 Robust, lightweight housing**
 - Hard-coated aluminum alloy
- 8 Mounting**
 - individual separator finger mounting

► TECHNICAL DATA

Installation size	Stroke [mm]	Force in retract [N]	Force in extend [N]	Weight [kg]	IP class
VEE9200	10 - 20	8 - 10	8 - 10	0,24 - 0,3	IP40

► FURTHER INFORMATION IS AVAILABLE ONLINE



All information just a click away at: www.zimmer-group.com. Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.

SEPARATORS

INSTALLATION SIZE VEE9200

▶ PRODUCT SPECIFICATIONS



▶ Forces and moments

Shows static forces and torques that may be present on the plunger



Mr [Nm]	0.3
Mx [Nm]	0.3
My [Nm]	0.3
Fa [N]	50

▶ RECOMMENDED ACCESSORIES



CONNECTIONS / OTHER



KAW1000B8
Plug-in Connector Angled Cable 10 m - Female
M12



CONNECTIONS / OTHER



KAG1000B8
Plug-in Connector Straight Cable 10 m - Female
M12

Order no.	► Technical data	
	VEE9210	VEE9220
Stroke [mm]	10	20
Force in extend [N]	10	8
Force in retract [N]	10	8
Permanent operation cycle count max. [cycle/min]	200	200
Cycle count max. [cycle/min]	250	250
Operating time [ms]	<18	<30
Pulse time in extend [ms]	25	35
Pulse time in retract [ms]	25	35
Debounce time [ms]	10	10
Noise level [db(A)]	<70	<70
Repetition accuracy +/- [mm]	0.1	0.1
Permissible unevenness of mounting surface [mm]	<0.02	<0.02
Fixing for separator / Tightening torque	M3 / 1.5	M3 / 1.5
Replacement accuracy [mm]	<0.2	<0.2
Fixing for extension piece / Tightening torque [Nm]	M3 / 1.5	M3 / 1.5
Weight of tappet extension, max. [g]	20	20
Current consumption in a stand-by mode [A]	0.02	0.02
Current consumption per pulse max. [A]	5	5
Operating temperature [°C]	10 ... +50	10 ... +50
Certification	CE	CE
Protection to IEC 60529	IP40	IP40
Weight [kg]	0.24	0.3

