006-11102







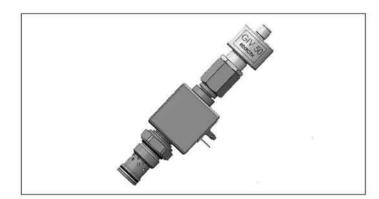
HYDRAULICKÉ SYSTÉMY UKŁADY HYDRAULICZNE

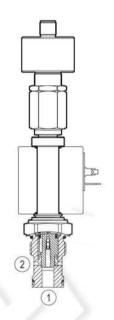
Solenoid operated valves pilot operated poppet type 2-way normally closed proximity sensor - extra spring Special cavity, 017-E

RE 18325-04

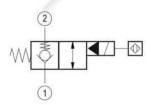
VESP-12G-16A/00-2A05-N7

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#### ▼ Version 05



#### **Technical data**

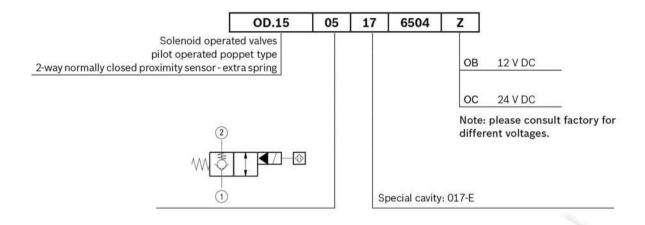
Weight 0.75 kg (1.65 lbs)  Installation orientation Optional  Ambient temperature range -25 to 60 °C (-13 to 140 °F)  Hydraulic  Max. operating pressure 350 bar (5000 psi)  Flow range 5 - 70 l/min (1 - 18 gpm)  Max. internal leakage 15 drops/min.  Fluid temperature range -20 to 80 °C (-4 to 176 °F)  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque 50 - 55 Nm (37-41 ft-lbs)  Recommended degree of fluid contamination (NAS 8) ISO 4406 19/17/14  MTTFd 150 years see RE 18350-51  Special cavity 017-E see 18325-75  Lines bodies and standard assemblies Please refer to section				
Installation orientation Ambient temperature range Ambient temperature range Ambient temperature range Ambient temperature range  Hydraulic  Max. operating pressure Flow range 5 - 70 l/min (1 - 18 gpm)  Max. internal leakage 15 drops/min.  Fluid temperature range -20 to 80 °C (-4 to 176 °F)  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque 50 - 55 Nm (37-41 ft-lbs)  Recommended degree of fluid contamination (NAS 8) ISO 4406 19/17/14  MTTFd 150 years see RE 18350-51  Special cavity 017-E see 18325-75  Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 material no. R934003562  Other technical data Electrical  Type of voltage Coil type S7 see 18325-90  Supply voltage See data sheet 18325-90  Supply voltage Power consumption 30 W  Duty cycle coil 100 % see 18325-90	General			
Ambient temperature range  -25 to 60 °C (-13 to 140 °F)  Hydraulic  Max. operating pressure  Flow range  5 - 70 l/min (1 - 18 gpm)  Max. internal leakage  15 drops/min.  Fluid temperature range  -20 to 80 °C (-4 to 176 °F)  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  50 - 55 Nm (37-41 ft-lbs)  Recommended degree of fluid contamination  (NAS 8) ISO 4406 19/17/14  MTTFd  150 years see RE 18350-51  Special cavity  017-E see 18325-75  Lines bodies and standard assemblies  Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05  code material no.  R934003562  Other technical data  See data sheet 18350-50  Electrical  Type of voltage  Coil type  S7 see 18325-90  Supply voltage  Nominal voltage  Power consumption  30 W  Duty cycle coil  100 % see 18325-90	Weight		0.75 kg (1.65 lbs)	
Max. operating pressure 350 bar (5000 psi) Flow range 5 - 70 l/min (1 - 18 gpm) Max. internal leakage 15 drops/min. Fluid temperature range -20 to 80 °C (-4 to 176 °F) Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt) Installation torque 50 - 55 Nm (37-41 ft-lbs) Recommended degree of fluid Nominal value max. 10 µm (NAS 8) ISO 4406 19/17/14 MTTFd 150 years see RE 18350-51 Special cavity 017-E see 18325-75 Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 R934003562 Other technical data See data sheet 18350-50  Electrical Type of voltage DC voltage Coil type S7 see 18325-90 Supply voltage See data sheet 18325-90 Nominal voltage ± 10% Power consumption 30 W Duty cycle coil 100 % see 18325-90	Installation orientation		Optional	
Max. operating pressure 350 bar (5000 psi) Flow range 5 - 70 l/min (1 - 18 gpm) Max. internal leakage 15 drops/min. Fluid temperature range -20 to 80 °C (-4 to 176 °F) Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt) Installation torque 50 - 55 Nm (37-41 ft-lbs) Recommended degree of fluid Nominal value max. 10 µm (NAS 8) ISO 4406 19/17/14 MTTFd 150 years see RE 18350-51 Special cavity 017-E see 18325-75 Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 R934003562 Other technical data See data sheet 18350-50  Electrical Type of voltage DC voltage Coil type S7 see 18325-90 Supply voltage See data sheet 18325-90 Nominal voltage ± 10% Power consumption 30 W Duty cycle coil 100 % see 18325-90	Ambient temperature range		-25 to 60 °C (-13 to 140 °F)	
Flow range 5 - 70 l/min (1 - 18 gpm)  Max. internal leakage 15 drops/min.  Fluid temperature range -20 to 80 °C (-4 to 176 °F)  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque 50 - 55 Nm (37-41 ft-lbs)  Recommended degree of fluid Nominal value max. 10 µm (NAS 8) ISO 4406 19/17/14  MTTFd 150 years see RE 18350-51  Special cavity 017-E see 18325-75  Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 material no. R934003562  Other technical data See data sheet 18350-50  Electrical  Type of voltage DC voltage  Coil type S7 see 18325-90  Supply voltage See data sheet 18325-90  Nominal voltage ± 10%  Power consumption 30 W  Duty cycle coil 100 % see 18325-90	Hydraulic	1 1		
Max. internal leakage 15 drops/min. Fluid temperature range -20 to 80 °C (-4 to 176 °F) Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt) Installation torque 50 - 55 Nm (37-41 ft-lbs) Recommended degree of fluid contamination (NAS 8) ISO 4406 19/17/14 MTTFd 150 years see RE 18350-51 Special cavity 017-E see 18325-75 Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 material no. R934003562 Other technical data See data sheet 18350-50  Electrical Type of voltage DC voltage Coil type S7 see 18325-90 Supply voltage See data sheet 18325-90 Nominal voltage ± 10% Power consumption 30 W Duty cycle coil 100 % see 18325-90	Max. operating pressure		350 bar (5000 psi)	
Fluid temperature range  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Nominal value max. 10 μm  Howards as each 18325-75  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease 18325-75  Flease 18325-90  Other technical data  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Flease refer to section  "Hydaulic integrated circuit" or consult factory  Fl	Flow range		5 - 70 I/min (1 - 18 gpm)	
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Recommended degree of fluid contamination  (NAS 8) ISO 4406 19/17/14  MTTFd  150 years see RE 18350-51  Special cavity  017-E see 18325-75  Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05  Code material no.  R934003562  Other technical data  See data sheet 18350-50  Electrical  Type of voltage  Coil type  S7 see 18325-90  Supply voltage  Power consumption  Duty cycle coil  100 % see 18325-90	Max. internal leakage		15 drops/min.	
viscosities of 15 to 380 mm²/s (cSt)  Installation torque  Recommended degree of fluid contamination  MTTFd  Special cavity  Lines bodies and standard assemblies  Flease refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 material no.  Other technical data  Flectrical  Type of voltage  Coil type  Supply voltage  Coil type  Supply voltage  Nominal voltage  Power consumption  Duty cycle coil  Some and standard assemblies  Some and standard assemblies  Please refer to section "Hydaulic integrated circuit" or consult factory  RG17E201052010 RG17E2	Fluid temperature range		-20 to 80 °C (-4 to 176 °F)	
Recommended degree of fluid contamination (NAS 8) ISO 4406 19/17/14  MTTFd 150 years see RE 18350-51  Special cavity 017-E see 18325-75  Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 R934003562  Other technical data See data sheet 18350-50  Electrical  Type of voltage DC voltage  Coil type S7 see 18325-90  Supply voltage See data sheet 18325-90  Nominal voltage ± 10%  Power consumption 30 W  Duty cycle coil 100 % see 18325-90			h lubricating properties at	
contamination         (NAS 8) ISO 4406 19/17/14           MTTFd         150 years see RE 18350-51           Special cavity         017-E see 18325-75           Lines bodies and standard assemblies         Please refer to section "Hydaulic integrated circuit" or consult factory           Seal kit – version 05         code RG17E201052010 material no.           R934003562         R934003562           Other technical data         See data sheet 18350-50           Electrical         DC voltage           Coil type         S7 see 18325-90           Supply voltage         See data sheet 18325-90           Nominal voltage         ± 10%           Power consumption         30 W           Duty cycle coil         100 % see 18325-90	Installation torque		50 - 55 Nm (37-41 ft-lbs)	
Special cavity  Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 material no. R934003562  Other technical data See data sheet 18350-50  Electrical Type of voltage DC voltage Coil type S7 see 18325-90  Supply voltage See data sheet 18325-90  Nominal voltage ± 10%  Power consumption 30 W  Duty cycle coil 100 % see 18325-90			Nominal value max. 10 μm (NAS 8) ISO 4406 19/17/14	
Lines bodies and standard assemblies Please refer to section "Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code RG17E201052010 R934003562  Other technical data See data sheet 18350-50  Electrical  Type of voltage DC voltage  Coil type S7 see 18325-90  Supply voltage See data sheet 18325-90  Nominal voltage ± 10%  Power consumption 30 W  Duty cycle coil 100 % see 18325-90	MTTFd		150 years see RE 18350-51	
"Hydaulic integrated circuit" or consult factory  Seal kit – version 05 code material no. R934003562  Other technical data See data sheet 18350-50  Electrical  Type of voltage DC voltage  Coil type S7 see 18325-90  Supply voltage See data sheet 18325-90  Nominal voltage ± 10%  Power consumption 30 W  Duty cycle coil 100 % see 18325-90	Special cavity		017-E see 18325-75	
material no.         R934003562           Other technical data         See data sheet 18350-50           Electrical         DC voltage           Type of voltage         DC voltage           Coil type         S7 see 18325-90           Supply voltage         See data sheet 18325-90           Nominal voltage         ± 10%           Power consumption         30 W           Duty cycle coil         100 % see 18325-90	Lines bodies and standard assemblies		"Hydaulic integrated circuit"	
Electrical           Type of voltage         DC voltage           Coil type         S7 see 18325-90           Supply voltage         See data sheet 18325-90           Nominal voltage         ± 10%           Power consumption         30 W           Duty cycle coil         100 % see 18325-90	Seal kit – version 05			
Type of voltage         DC voltage           Coil type         \$7 \text{ see } 18325-90\$           Supply voltage         \$\text{See } \text{ data } \text{ sheet } 18325-90\$           Nominal voltage         \$\pm\$ 10%           Power consumption         30 W           Duty cycle coil         100 % see 18325-90	Other technical data		See data sheet 18350-50	
Coil type         S7 see 18325-90           Supply voltage         See data sheet 18325-90           Nominal voltage         ± 10%           Power consumption         30 W           Duty cycle coil         100 % see 18325-90	Electrical			
Supply voltage         See data sheet 18325-90           Nominal voltage         ± 10%           Power consumption         30 W           Duty cycle coil         100 % see 18325-90	Type of voltage		DC voltage	
Nominal voltage         ± 10%           Power consumption         30 W           Duty cycle coil         100 % see 18325-90	Coil type		S7 see 18325-90	
Power consumption 30 W  Duty cycle coil 100 % see 18325-90	Supply voltage		See data sheet 18325-90	
Duty cycle coil 100 % see 18325-90	Nominal voltage		± 10%	
	Power consumption		30 W	
Type of protection See data sheet 18325-90	Duty cycle coil		100 % see 18325-90	
	Type of protection		See data sheet 18325-90	

Please consider that a proper fuction of the valve is guaranteed only if the position of the monitor is not modified; each cartridge is provided of a torque confirmation mark, intended as anti-tampering device.

Sensor is protected against short circuit polarity inversion.

# Ordering code

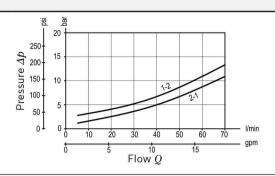
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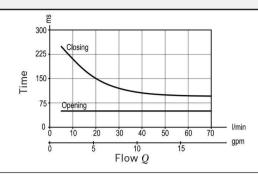


R934004675	
R934004674	
#	

# **Characteristic curves**

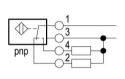
# Version 05

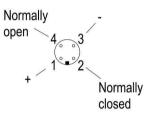




## Sensor data:

	12 V DC	24 V DC
Supply voltage	10.5 to 16	20 to 32
Output load	≤ 400 mA	≤ 400 mA





## **Dimensions**

▼ Version 05: Solenoid operated valve, poppet 2-way normally clossed proximity sensor - extra spring

