

Solenoid operated valves pilot operated poppet type

2-way normally open proximity sensor

Common cavity, Size 08

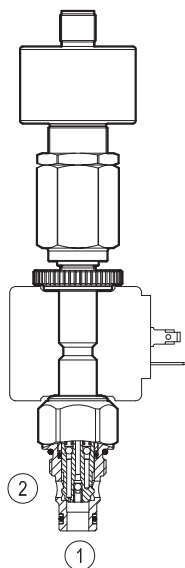
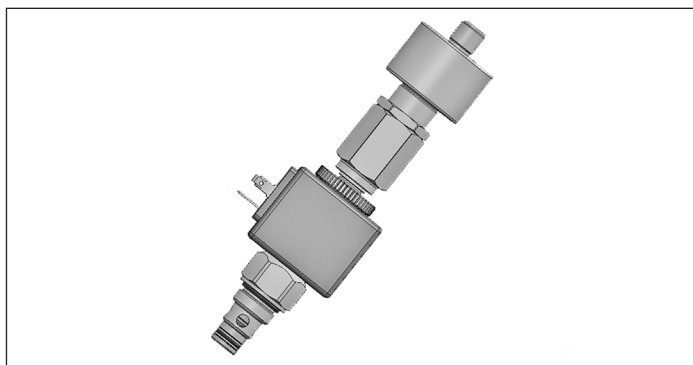
VEI-8A-2T-06-NA-S-M-NSS

OD.15.32.18.1D.S2 - Z

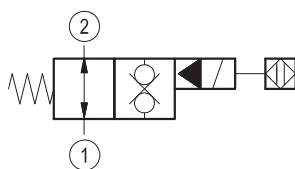
RE 18325-16

Edition: 04.2016

Replaces: 01.2016



▼ Version 32



Technical data

General		
Weight		0.75 kg (1.7 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		2.5 - 40 l/min (0.66 - 11 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		30 - 35 Nm (22 - 26 ft-lbs)
Recommended degree of fluid contamination		Nominal value max. 10 µm (NAS 8) ISO 4406 19/17/14
MTTFd		150 years see RE 18350-51
Cavity		CA-08A-2N see 18325-70
Lines bodies and standard assemblies		Please refer to section “Hydraulic integrated circuit” or consult factory
Seal kit – version 32	code material no.	RG08A2010530100 R901101544
Other technical data		See data sheet 18350-50
Electrical		
Type of voltage		DC voltage
Coil type		S8-356 see 18325-90
Supply voltage		See data sheet 18325-90
Nominal voltage		± 10%
Power consumption		20 W
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

	OD.15	32	18	1DS2	Z
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pilot operated poppet type
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OB 12 V DC

OC 24 V DC

Note: please consult factory for
different voltages.

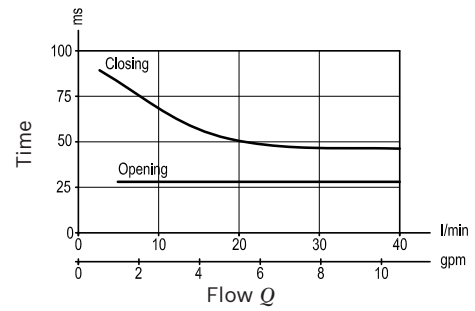
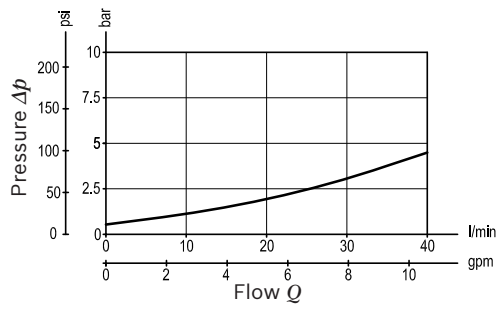
Common cavity: CA-08A-2N

Type	Material number
OD1532181DS2OB	R934004542
OD1532181DS2OC	R934004903

Type	Material number

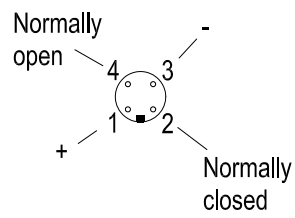
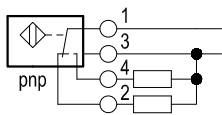
Characteristic curves

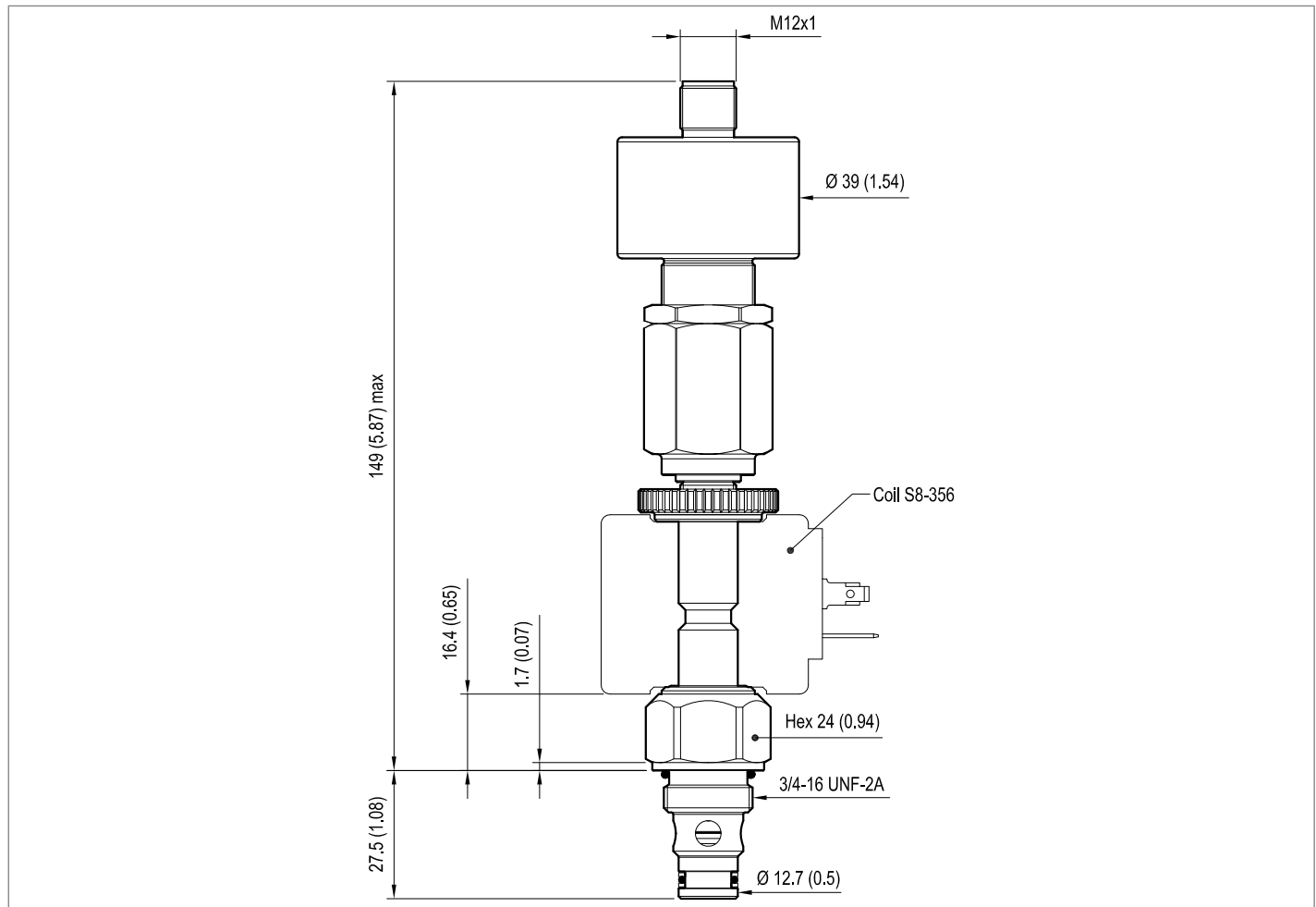
Version 32



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 32: Solenoid operated valve, poppet 2-way
normally open proximity sensor****Bosch Rexroth Oil Control S.p.A.**

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