

# Solenoid operated valves pilot operated poppet type 2-way normally open proximity sensor Common cavity, Size 08

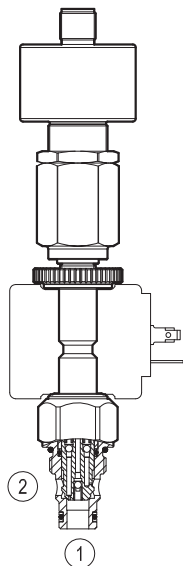
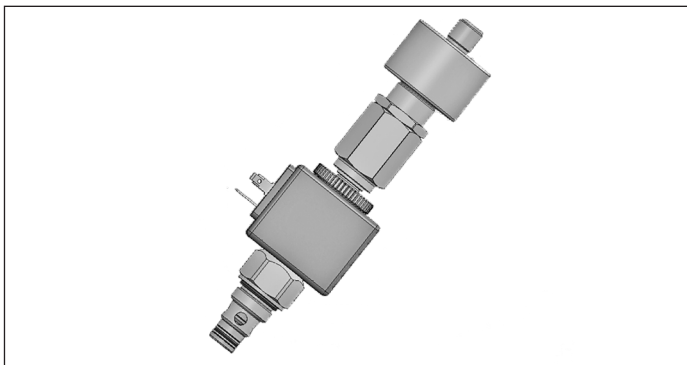
VESP-08A-12A/00-2T32-N7

OD.15.32.18.1D.S2 - Z

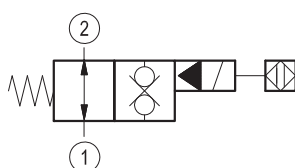
**RE 18325-16**

Edition: 03.2020

Replaces: 04.2016



## ▼ 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
DC		90% * according to ISO 13849-1/2
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 function 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.

\* For more details contact factory

Ordering code

OD.15

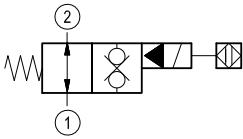
32

18

1DS2

Z

Solenoid operated valves  
pilot operated poppet type  
2-way normally open proximity sensor



OB    12 V DC

OC    24 V DC

Note: please consult factory for  
different voltages.

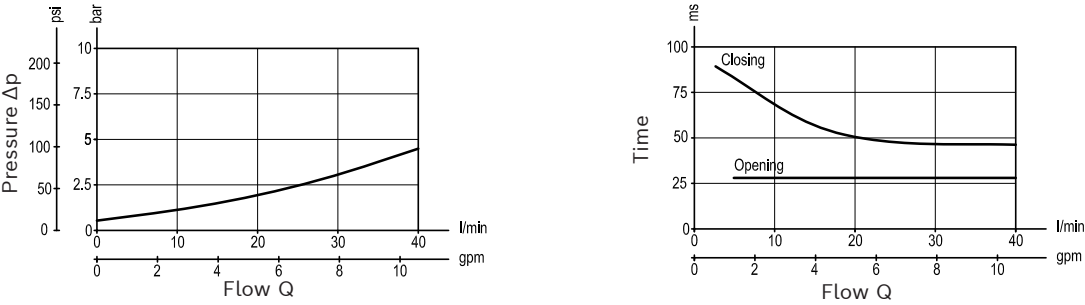
Common cavity: CA-08A-2N

Type	Material number
OD1532181DS2OB	R934004542
OD1532181DS2OC	R934004903

Type	Material number

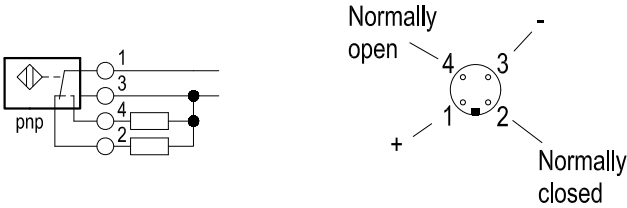
Characteristic curves

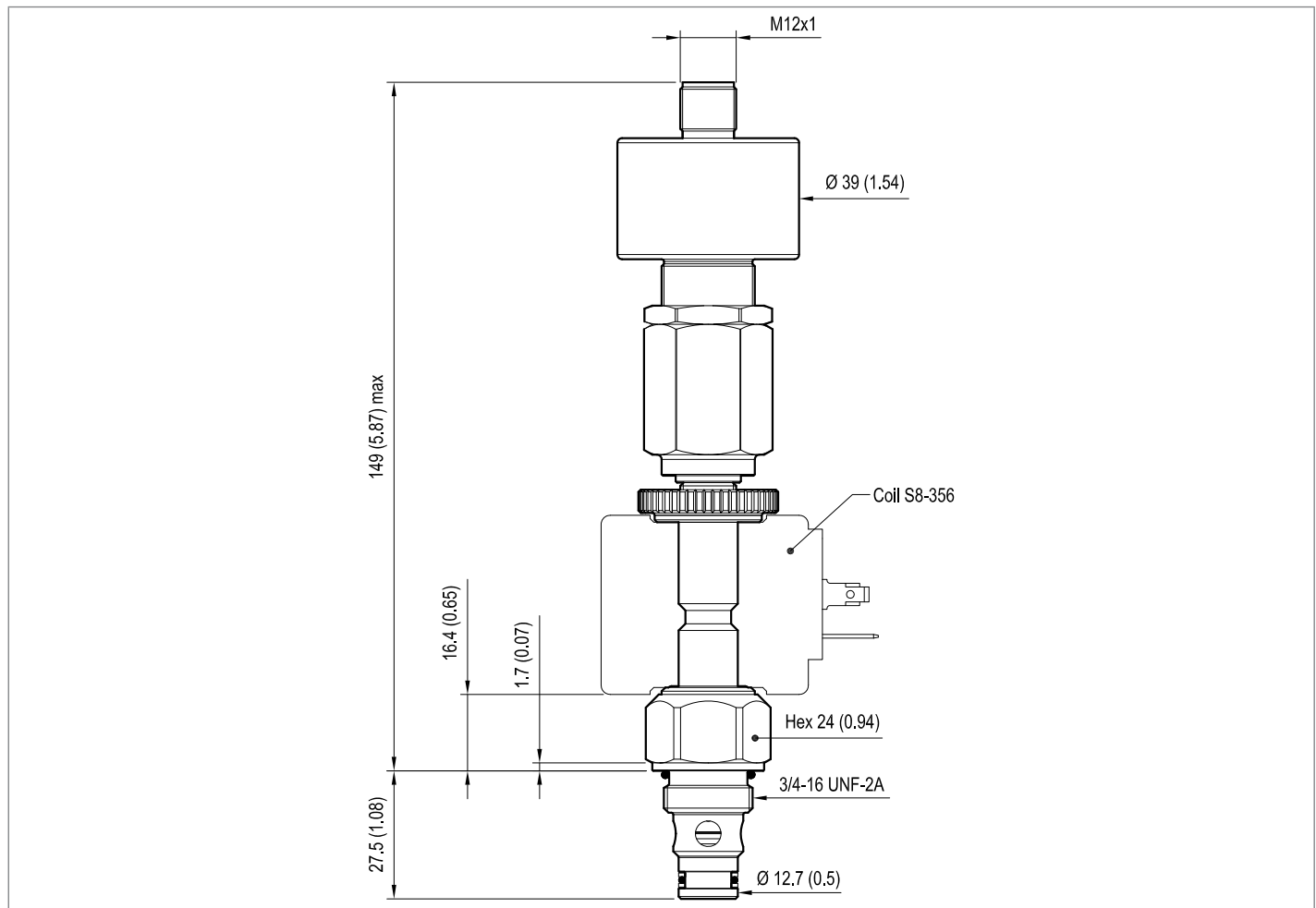
Version 32



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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