

Solenoid operated valves pilot operated poppet type
2-way normally open proximity sensor
Special cavity, 021-E

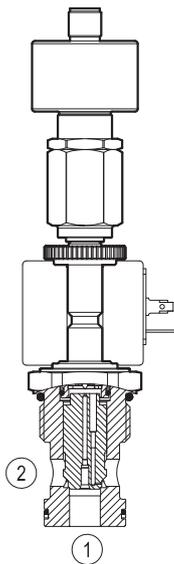
VEI-8A-2A-12-NA-S-M-NSS

OD.15.06.21.1D.S2 - Z

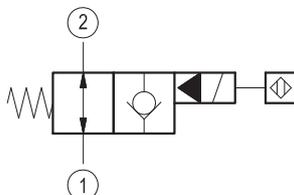
RE 18325-10

Edition: 01.2016

Replaces: 10.2013



▼ **Version 06**



Technical data

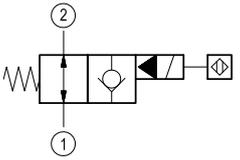
General	
Weight	0.85 kg (1.9 lbs)
Installation orientation	Optional
Ambient temperature range	-25 to 60 °C (-13 to 140 °F)
Hydraulic	
Max. operating pressure	350 bar (5000 psi)
Flow range	3.5 - 150 l/min (1 - 40 gpm)
Max. internal leakage	15 drops/min.
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 15 to 380 mm ² /s (cSt)	
Installation torque	80 - 85 Nm (59 - 63 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
Special cavity	021-E see 18325-75
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit – version 06	code material no. RG21E201052010 R934003566
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.

Ordering code

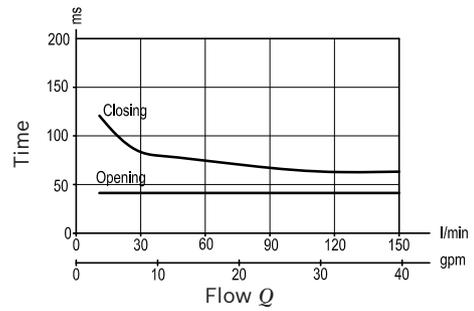
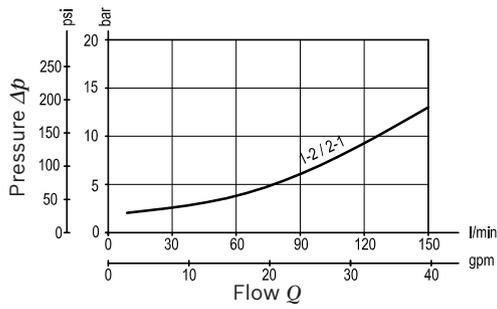
	OD.15	06	21	1DS2	Z
<p>Solenoid operated valves pilot operated poppet type 2-way normally open proximity sensor</p>					<p>OB 12 V DC</p> <hr/> <p>OC 24 V DC</p>
					<p>Note: please consult factory for different voltages.</p>
	Special cavity: 021-E				

Type	Material number
OD1506211DS2OB	R934001228
OD1506211DS2OC	R934001208

Type	Material number

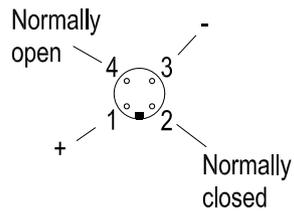
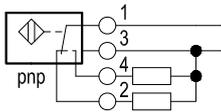
Characteristic curves

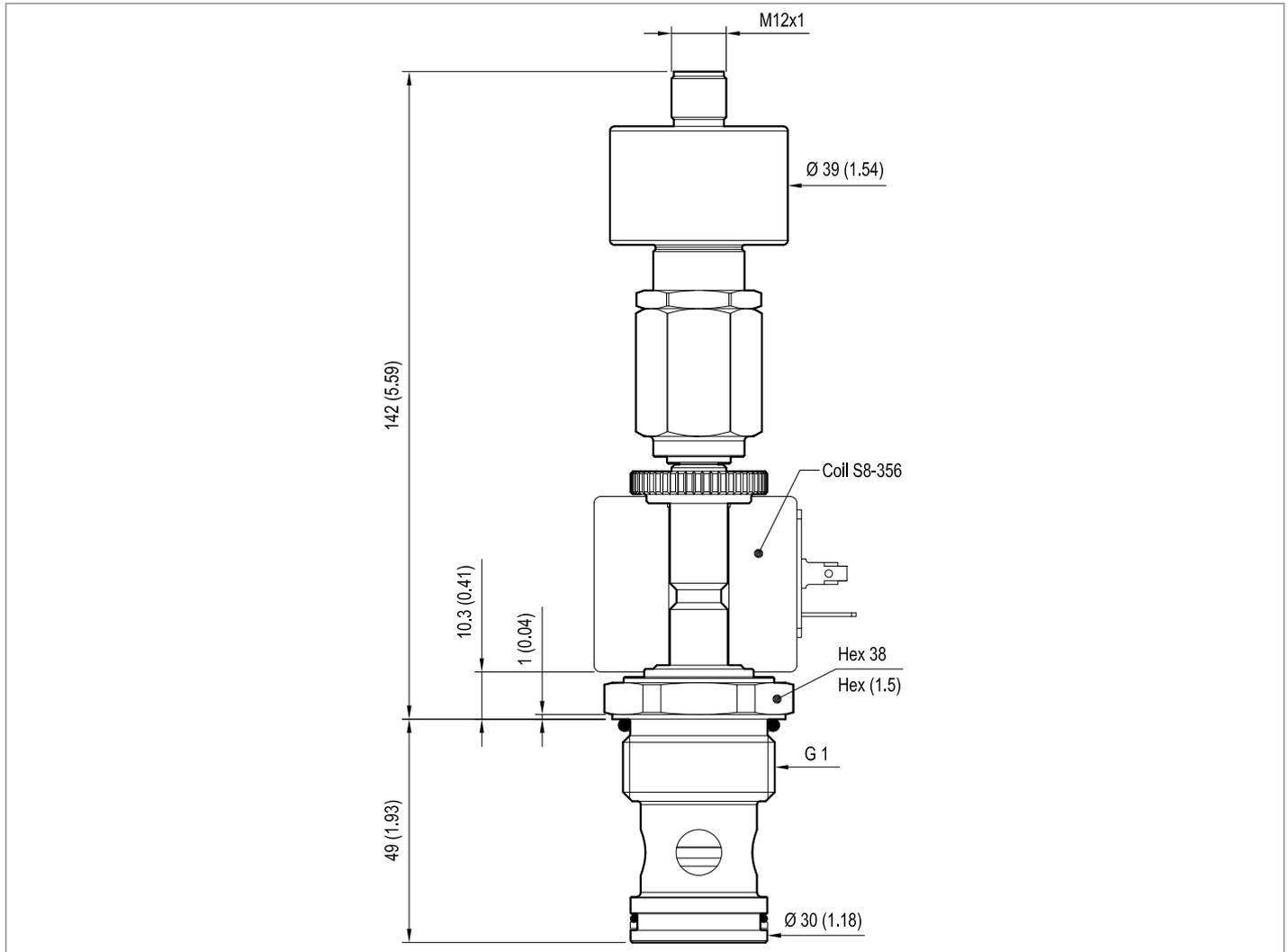
Version 06



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

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