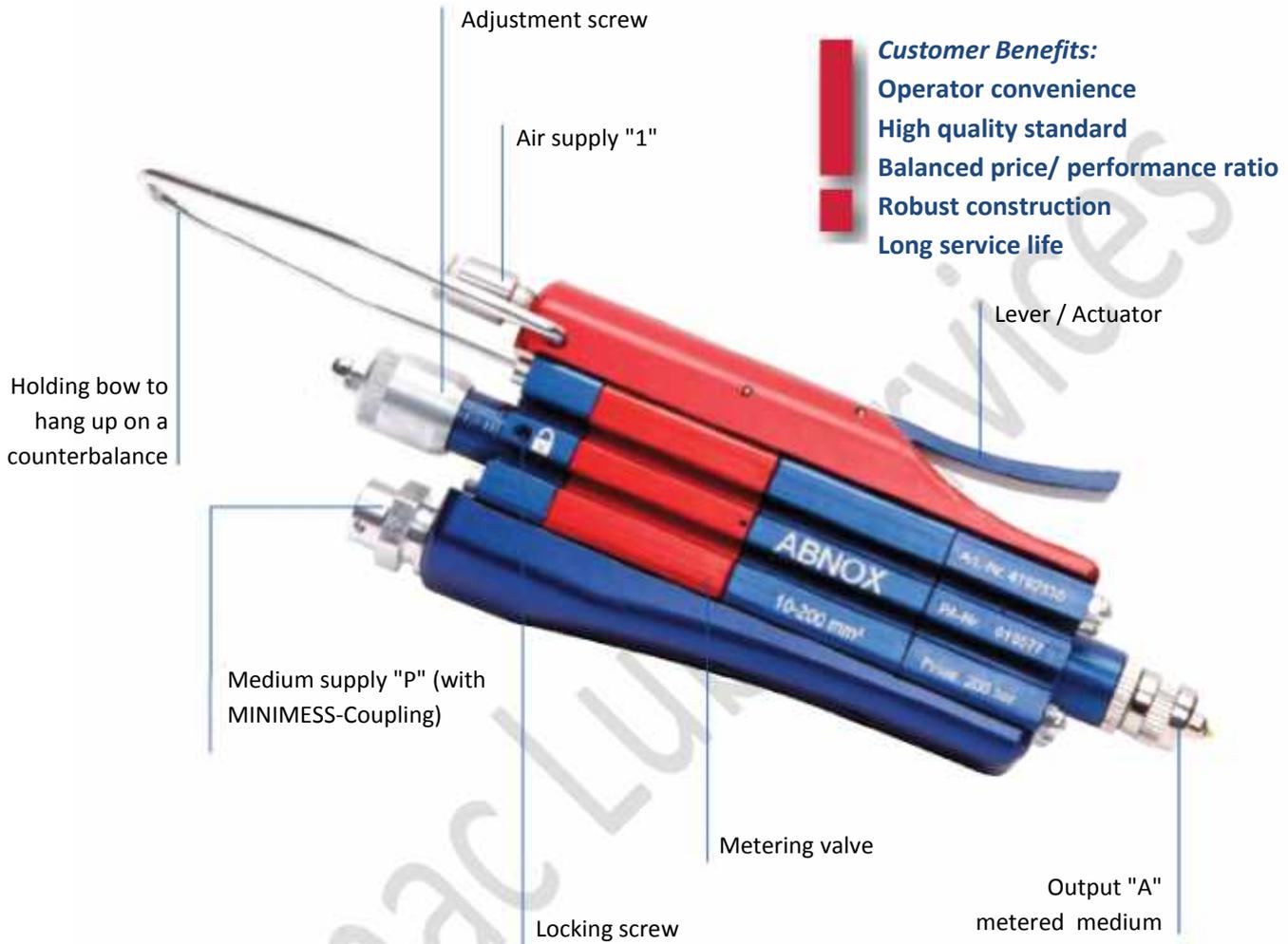


Metering Valves with PEN-Handgrip

PEN



0002098
High Pressure Hose PEN

0001220
Magnetic Field Sensor

The ABNOX Metering Valve with PEN handgrip allows accurate application of small quantities of lubricant on devices.

Precise and clean application at high repeatability means permanent saving of your expensive lubricant.

The ergonomic and shapely handle with modern and optimised metering activator is especially suited for easy and handy operation of the Metering Valve at installation sites.

Sensors (Art.-No. 0001220) to monitor the position of the grease piston may be retrofitted at any time.

They increase the effectivity and reliability of the greasing operation, and allow improved control over your production and assembly process.

Handling of these Metering Valves may be further facilitated by using a counterbalance at holding bow suspended directly above the assembly area.

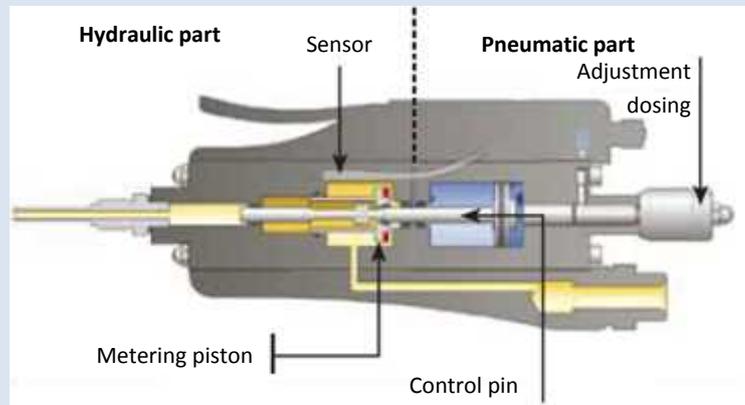
0002098

High Pressure Hose PEN

with 1 air line, length 2.0 m. This high pressure hose with a polyurethane air hose is in particular suitable for connecting an ABNOX metering valve with hand grip PEN to a delivery pump.

Thanks to the combination of lubricant supply and air supply both integrated in a tube, single hoses are a thing of the past.

Function



The dosage chamber inlet and outlet are alternatively shut and opened by means of a pin valve with pneumatic control. The dosage chamber volume is continuously adjustable by a lockable screw adjustment.

The medium is ejected by means of the feeder pump pressure. The use of modern sealing components ensures long lifetime of the metering valve even with high input pressures up to 200 bar and also when used with grease containing solid particles.

Metering Valve with Sensor

(control in the hydraulic part)

The position magnetic field sensor detects the motion (the end position) of the metering piston and, consequently, the ejection of the lubricant.

Its output signal confirms the completion of the lubricant transfer. A missing signal indicates lack of lubricant flow, or other failure.

Watch the demo video on www.abnox.com

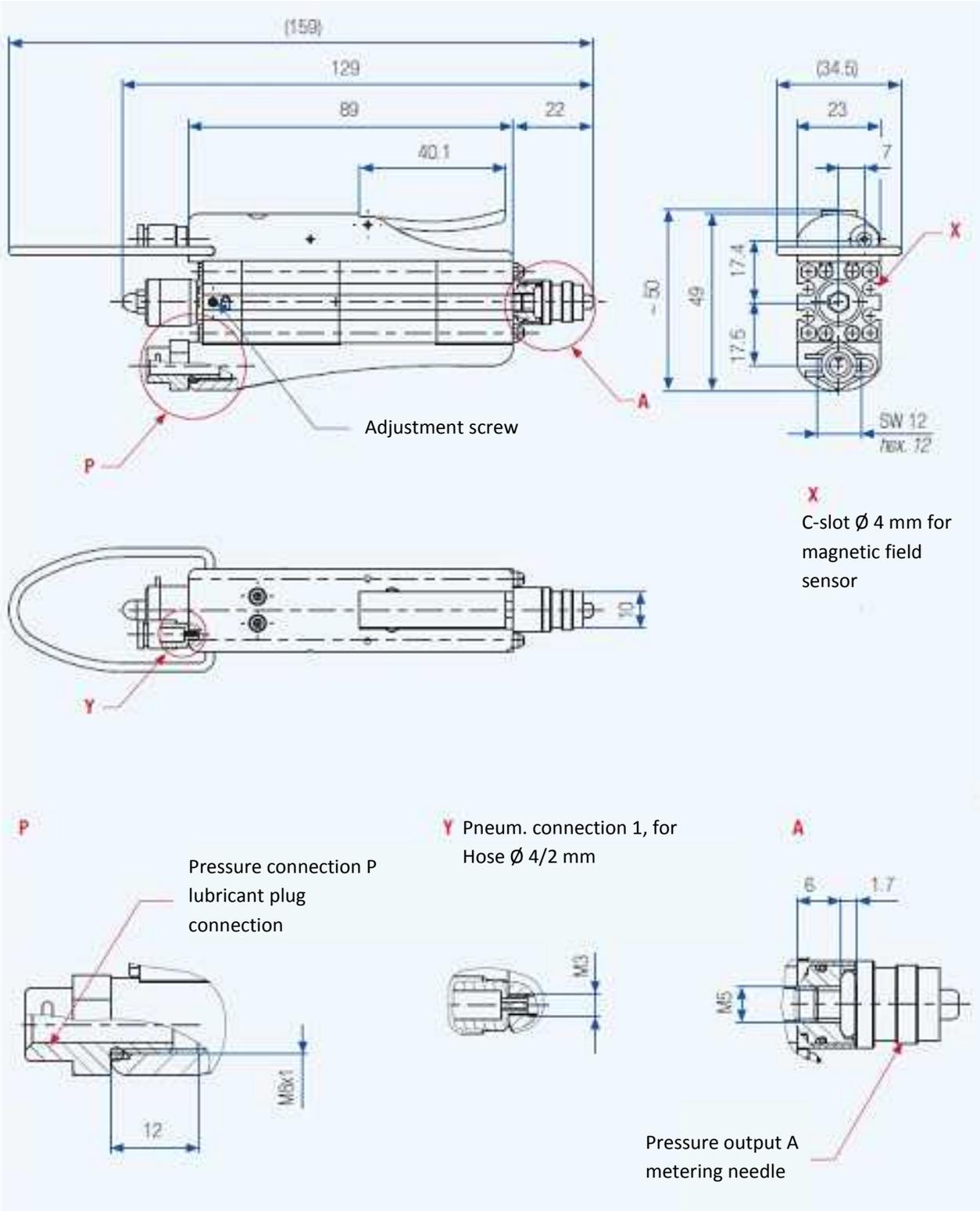
Metering Valves with PEN-Handgrip

PEN



	4191831	4192331
<i>Model</i>	AXDV-C1-PN	AXDV-C2-PN
<i>Dispensing range</i>	1 – 20 mm³	10 – 200 mm³
<i>Weight (kg)</i>	0.23	0.23
<i>Connection (Lubricant) internal thread P</i>	M8x1	M8x1
<i>Connection (compressed air) internal thread 1</i>	M3 for hose ø 4/2	M3 for hose ø 4/2
<i>Pressure output internal thread A</i>	M5* *incl. metering needle adapter	M5*
<i>Min./Max. inlet operating pressure (Lubricant) [bar]</i>	20/200	20/200
<i>Min. operating air pressure [bar]</i>	5.0	5.0
<i>Optimum operating air pressure [bar]</i>	6.0	6.0
<i>Max. operating air pressure [bar]</i>	7.0	7.0
<i>Specification for operation medium</i>	Lubricants up to NLGI 3/max. 1'000'000m Pa.s	

All technical data and pictures are for information only and without responsibility. All design is subject to change without notice.



You'll find the spare parts list and sketch on Abnox web site: www.abnox.com