EBR-PN | Handle with pneumatic valve

Technopolymer

MATERIAL
Glass-fibre reinforced polyamide based (PA) technopolymer, grey-black colour, matte finish.

PUSH BUTTON
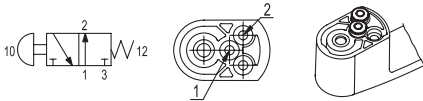Light-blue technopolymer, glossy finish.

SCREW COVERS
Technopolymer, grey-black colour, matte finish. Supplied assembled, removable by a screwdriver.
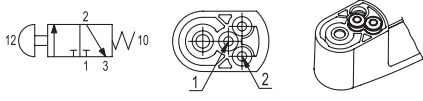
STANDARD EXECUTIONS
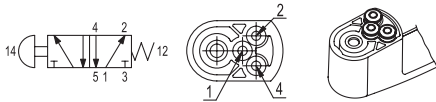Brass bosses, threaded blind hole.
- **EBR-PN-3/2-NO**: the pneumatic valve is normally open. The actuation of the button stops the air passage.

- **EBR-PN-3/2-NC**: the pneumatic valve is normally closed. The actuation of the button opens the air passage.

- **EBR-PN-5/2**: the actuation of the button switches the output channel of the air, between the two available.

FUNCTIONING
The handle is supplied with quick couplings for direct fitting of a tube Ø 4 mm for pneumatics.

The handle allows the direct drive of a single-acting pneumatic actuator (execution 3.2) or double acting (execution 5.2). The force to be applied to the button for the actuation of the drive is independent from the operating pressure.

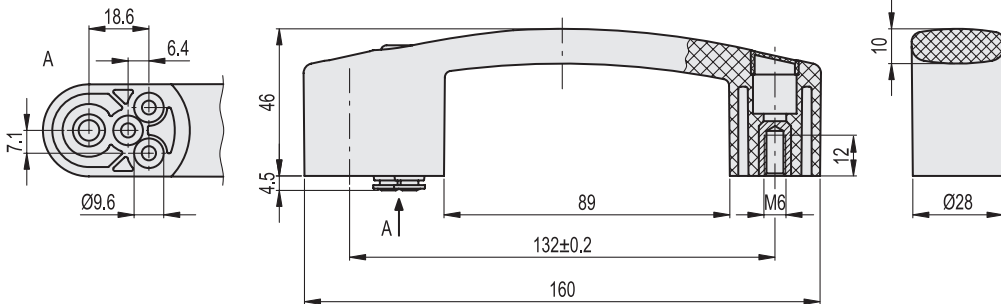The handle is already set up with discharge function of the pressure chamber.

ERGOSTYLE® ELESA Original design

TECHNICAL DATA
Tensile stress and impact strength: the values F1, F2, L1 and L2 indicated in the table were obtained during breaking tests carried out with the appropriate dynamometric equipment under the test conditions shown in the figure with ambient temperature.

Technical features	
Tension feed	Filtered air
Operating pressure	2 ÷ 10 bar
Working temperature	-20° ÷ +80°C: dry air
	0° ÷ +80°C: lubricated air
Load capacity	130 Nl/min (6 bar, free exhaust)
Action force	22 N (independent from the operating pressure)
Nominal diameter air passage	Ø 2.5 mm

Code	Description	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖
260601-C1	EBR.150-PN-3/2-NO	4000	4400	31	13	107
260603-C1	EBR.150-PN-3/2-NC	4000	4400	31	13	107
260611-C1	EBR.150-PN-5/2	4000	4400	31	13	110

$$L\ [J] = P\ [N] \bullet h\ [m]$$

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December 2016