



Grippers | Needle grippers

Needle grippers GR04.740B

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Product description

- > Gripper for materials that are non-dimensionally stable or difficult to handle with vacuum
- > Alignment to material thickness via adjustable lift
- > Double-acting, enables short duty cycles, separate compressed air connections for extraction / retraction of needles
- > Internal lift guiding for extra slim design
- > Sensor nut for monitoring gripper action via piston position (needles extracted / retracted)

Notes

- > Lift corresponds to maximum entry depth of needles

Ordering notes

- > Sensors and spare needle sets with 10 needles each, available as accessories
- > PNP and NPN sensors:
 - C-nut (cable: 90°): GR04.202P, GR04.202N
 - C-nut (cable: straight, short design): GR04.280P, GR04.280N

Technical data

Item no.	GR04.740B
Principle of operation	Double-acting
Lift [mm]	0 - 3
Number of needles [Pcs.]	4
Needle diameter [mm]	2
Infeed angle [°]	45
Operating pressure [bar]	2 - 8
Operating temperature [°C]	-10 - 60
Weight [g]	226
Accessories	Spare needle kit GR04.740N Sensor GR04.280N Sensor GR04.280P Sensor GR04.202N Sensor GR04.202P