

INTEGRATED VACUUM TOOL CHANGER (IVTC-A1)

IVTC-A1-2Z-76-VS



TECHNICAL DATA

Attribute	Value
Weight	0.93 kg
Max handled weight	10 kg
Tool changing size	A
Tool changing series	1
Mechanical robot interface	Printed Robot Flange, PRF-A
Electrical connection	M12 connector, 12-pin male code A
Electrical input/output	PNP/PNP or NPN/NPN
Connection, compressed air	ø8 push-in connector
Feed pressure, optimal	80 PSI
Control valve	Normally open
Number of, vacuum zones	2
Number of, blow-off zones	2
Flow rate per zone (max)	76 l/min
Flow rate total (max)	152 l/min
Air consumption per zone	23.5 l/min
Vacuum Sensing	Digital
Materials	PA, SS, AI, Ni, NBR
Operating temperature range	0-45 °C
Operating humidity range	35-85 %RH
Vibration resistant at 2g xyz	8-200 Hz
Noise level range	70-80 dBA



FEATURES AND BENEFITS

- Fully integrated venturi vacuum ejectors, blow-off systems, and vacuum sensors.
- Equipped with a manual tool changer reducing downtime when the gripper needs to be exchanged, replaced, or when being maintained.
- Sold with Printed Robot Flange (PRF) flange plate for robot mounting.

DIMENSIONAL DRAWING

