

SENSOR UNIT

SERIES ZSU

► PRODUCT ADVANTAGES



► Intelligent control of multiple grippers

One ZSU can monitor and control up to eight Magic Grippers or vacuum systems at the same time – efficiently and from a central location.

► Early detection of errors

Reliably detects wear, leaks or failures of individual vacuum grippers – for maximum process reliability.

► Simple integration

Compact design, only one M8 male connector for input/output signal, either NPN or PNP – ideal for all automation solutions.

► PRODUCT KEY

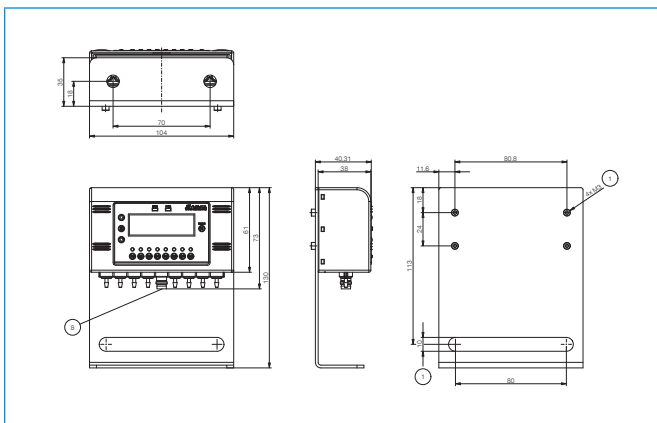
ZSU	082	P
Series	Number of sensor connections / groups	Switching output

► TECHNICAL DATA

Order no.	► Technical data	
	ZSU082-N	ZSU082-P
Connection	Male connector	Male connector
Fixing thread	M8	M8
No. of contacts	6	6
Resolution [kPa]	0.1	0.1
Operating medium	Compressed air, non-corrosive gases, non-flammable gases	Compressed air, non-corrosive gases, non-flammable gases
Supply voltage [V DC]	12 ... 24	12 ... 24
Pressure range [kPa]	-100 ... 0	-100 ... 0
Configurable hysteresis	Yes	Yes
Short-circuit-proof	Yes	Yes
Reproducibility	$\leq \pm 2\%$ F.S. ± 1 digit	$\leq \pm 2\%$ F.S. ± 1 digit
Switching output	NPN	PNP
Weight [kg]	0.12	0.12
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS

► TECHNICAL DRAWINGS

ZSU082-N / -P



① Fixing

⑧ Electrical connection