

Technisches data sheet

VERO-S NSE-S mini 90-25(-V1)(-K) IOL

Functional description:

Pneumatically actuated, electronically queried quick-change pallet module, communication via IO-Link interface.

The installation space and functionality are identical to the well-known VERO-S NSE3 mini 90-25.

Internal sensors enable the detection of the positions "open", "closed with clamping pin", "closed without clamping pin", "turbo pressure detected" and "presence (of a pallet) detected".

The module status is visualized via a LED.



Drive concept	Pneumatically
Query options	Clamp slide position "open", "closed with clamping pin", "closed without clamping pin" and "turbo pressure detected" "Presence detected"
Corrosion-resistant	All functional parts are made of hardened, stainless-steel
Short temper centering	Precise centering by quick and easy joining via entry radii
PL (Performance Level) B10d – value MTTFd – value	Not provided
Temperature range	+5°C up to +60°C

Power supply	24 V DC
Communication interfaces	IO-Link v1.1.4; fieldbus-independent
Self-locking system	Clamping pin remains in the module in case of a pressure drop
Repeat accuracy	< 0.005 mm (SPA mini 20)
Elimination of errors / Confirmations in accordance with ISO 13849	see manufacturer's certificate in the operating instructions.
IP rating	IP67

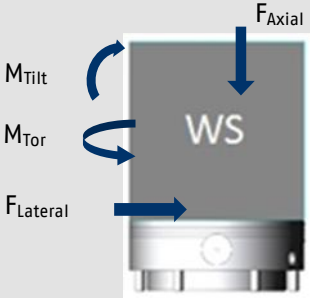
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Hand in hand for tomorrow

Description	ID	Cone seal	Pull-down force	Pull-down force with turbo	Opening pressure	Operating voltage	Current	Repeat accuracy	Weight
			[kN]	[kN]	[bar]	[V DC]	[mA]	[mm]	[kg]
VERO-S NSE-S mini 90-25 IOL	1528088		1.5	6	6	24	50	< 0.005	1.1
VERO-S NSE-S mini 90-25-V1 IOL	1455855		1.5	6	6	24	50	< 0.005	1.1
VERO-S NSE-S mini 90-25-K IOL	1554050	●	1.5	6	6	24	50	< 0.005	1.1
VERO-S NSE-S mini 90-25-V1-K IOL	1554051	●	1.5	6	6	24	50	< 0.005	1.1

	without Turbo	with Turbo
Axial load: F Axial	40 000 N	40 000 N
Transferable tilting torque: M Tilt	30 Nm	75 Nm
Transferable torque: M Tor	6 Nm	27 Nm
Transferable lateral force: F Lateral	150 N	600 N



Max. inlet path	0.1 mm
Max. loading angle	16°
Max. loading offset	2 mm

