

Technical data sheet

VERO-S NSE-S3 138(-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 138.

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

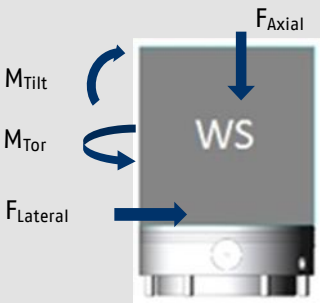
Power supply	24 V DC
Communication interfaces	IO-Link v1.1.4; fieldbus-independent
Self-locking system	Clamping pin remains in the module in case of a pressure drop
Repeat accuracy	< 0.005 mm (SPA 40)
Elimination of errors / Confirmations in accordance with ISO 13849	see manufacturer's certificate in 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-S3 138 IOL	1514230		8	28	6	24	50	< 0.005	4,1
VERO-S NSE-S3 138-V1 IOL	1514231		8	28	6	24	50	< 0.005	4.1
VERO-S NSE-S3 138-K IOL	1545576	●	8	28	6	24	50	< 0.005	4.1
VERO-S NSE-S3 138-V1-K IOL	1545577	●	8	28	6	24	50	< 0.005	4.1

	without Turbo	with Turbo	
Axial load: F Axial	40 000 N	40 000 N	
Transferable tilting torque: M Tilt	115 Nm	230 Nm	
Transferable torque: M Tor	55 Nm	190 Nm	
Transferable lateral force: F Lateral	800 N	2800 N	

Max. inlet path	0.5 mm	
Max. loading angle	19°	
Max. loading offset	5 mm	