

PLF3232-z.60

SMARFLEX nanopositioning scanner stages uses the advantages of piezo-driven mechanical flexures to realize highly precise positioning tasks up to several 100 µm.

The PLF3232-z.60 offers a scan range of over 60 µm in the Z direction. At 30 g, it is very light and also quite compact at 32 x 32 x 15 mm.
Scan Range: > 60 µm Scan Direction: Z Dimensions: 32 x 32 x 15 mm

	Mechanical
Stiffness [N/µm]	0,3
Scan Range [µm]	> 60
Max. Normal Force [N]	5.0
Dimensions [mm]	32 x 32 x 15
Weight [g]	30
	Material
Base Material	Titanium(-TI) / Aluminum base (-Al)
	Open-loop
Open-Loop Resolution MCS2 [nm]	MCS2: <1
	Closed-Loop
Sensor Resolution MCS2 [nm]	MCS2: 1 (S)
	Options
Vacuum Options	HV (10 ^{6}mbar)
Non-Magnetic Option	Yes (- NM)

Copyright © 2026 SmarAct GmbH • All Rights Reserved.
SmarAct GmbH | Schuette-Lanz-Strasse 9 | 26135 Oldenburg | Germany T: +49 441 – 800 879 0 | Email: info-de@smaract.com