

Mechanical Dial Comparators



1002



1003



1004



1003XL



1003T***



Technical Data

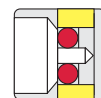
	Measuring range	Readings	Over-travel	Meas. force	Accuracy* (DIN 879-1)			Order no. Standard**	Order no. Splash water-proof ***
Metric					G _{ges}	G _e	f _u		
1002 Supramess	± 25 µm	0.5 µm	2.8 mm	1 N	0.6 µm	0.5 µm	0.25 µm	4335000	4335005
1003 Millimess	± 50 µm	1 µm	2.8 mm	1 N	1.2 µm	1 µm	0.5 µm	4334000	4334005
1003 Millimess XL	± 130 µm	2 µm	2.5 mm	1 N	2.4 µm	2 µm	1 µm	4334001	4334006
1004 Compramess	± 0.13 mm	5 µm	2.5 mm	1 N	4 µm	3.5 µm	1 µm	4333000	4333005
1010 Zentimess	± 0.25 mm	0.01 mm	2.5 mm	1 N	8 µm	7 µm	2 µm	4332000	4332005
1050 Dezimess	± 1.5 mm	0.05 mm	0.3 mm	1 N	40 µm	35 µm	10 µm	4330000	4330005
Inch									
1002 Z Supramess	± .0010"	.00002"	.11"	1 N	.000025"	.00002"	.00001"	4335900	4335905
1003 Z Millimess	± .0020"	.00005"	.11"	1 N	.00006"	.00005"	.000025"	4334900	4334905
1004 Z Compramess	± .0050"	.0001"	.10"	1 N	.00012"	.0001"	.00003"	4333900	4333905
1010 Z Zentimess	± .0100"	.0005"	.10"	1 N	.0004"	.00035"	.0001"	4332900	4332905

* Accuracy of 1004, 1010, 1010 Z, 1050 exceeds DIN 879-1

** Incl. Plastic Case; Adapter 940 (for inch instruments only)

*** IP54, Incl. Plastic Case, Splash Guard Cover 957, Rubber Bellows (only for 1002/1003/1004); Adapter 940 (for inch instruments only)

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Accessories

		Order no.
Adapter Bush for adapting mounting shank 8h6 mm to inch bore .375"	940	4310103
Cable Release to raise the measuring spindle	951	4372000
Lifting Knob for lifting the measuring spindle	954	4372030
Splash Guard Cover	957	4373030
Rubber Bellows for 1002/1003/1004 to seal the open end of the measuring spindle	970	4334786
Mounting Lug to mount on mounting shank 8h6 mm	963	4375002

Additional Accessories		Page
Contact Points	901-913	5-45
Special Holder	941	5-46
Sensor Lever	943	5-46

