

# "DIGIMATIC" Signal Cables

Mitutoyo's "DIGIMATIC"-format allows for connecting not only numerous additional devices, such as printers, counters and the like, but also for connecting one or more "DIGIMATIC"-measuring instruments to an external PC employing a Mitutoyo transmitter with RS-232 C signal cable.



Plug connectors to the measuring instruments

Plug connectors to the peripherals (DMX transmitters or data printers)

"DIGIMATIC" measuring instruments require either of the following items for data transmission:

1. Footswitch
2. Data key on the instrument (if present)
3. Data request from the PC
4. Signal cables with data key (if connectable to the measuring instrument)

Order No.		Port	Application with	Measurement instruments Signal cable plugs
1 m	2 m			
905338	905409		ABSOLUTE DIGIMATIC Dial Indicator Type IDS (Series 543) ABSOLUTE DIGIMATIC Dial Indicator Type IDC (Series 543) ABSOLUTE DIGIMATIC Dial Indicator Type IDU (Series 575) ABSOLUTE DIGIMATIC Thickness gauge (Series 547) ABSOLUTE DIGIMATIC Caliper (Series 500 with the exception of IP-65/66/67 calipers, Series 550, 551, 573) "DIGIMATIC" Workshop Caliper (Series 552) "DIGIMATIC" Height gauge (Series 192, 570) ABSOLUTE DIGIMATIC Depth gauge (Series 547) Portable hardness testing devices (Series 811) ABSOLUTE DIGIMATIC inside measuring device Bore Gage (Series 511)	Straight (without data key) 
905689	905690		Back side (without data key) 	
905691	905692		Right (without data key) 	
905693	905694		Left (without data key) 	
959149	959150		with data key 	
05CZA662	05CZA663		ABSOLUTE DIGIMATIC Depth gauge (Series 571) "DIGIMATIC" Built-in Caliper (Series 572)	with data key and screws 
05CZA624	05CZA625		"DIGIMATIC" Micrometer (Series 293, 314, 317, 323, 324, 326, 331, 340, 342, 369, 389, 395, 422) "DIGIMATIC" Micrometer heads (Series 350) "DIGIMATIC" Depth micrometer (Series 329) "DIGIMATIC" Inside micrometer with jaws (Series 345)	with data key and screws 
21EAA194	21EAA190		IP-65/66/67 ABSOLUTE DIGIMATIC Thickness gauge (Series 500) IP-67 ABSOLUTE DIGIMATIC Depth gauge (Series 571)	without data key 
937387	965013		ABSOLUTE DIGIMATIC Dial Indicators Type ID-B/ID-N (Series 543)	6 Pins (without data key) 
937386	965012		ABSOLUTE Quick Micrometer (Series 227, 293) "DIGIMATIC" Micrometers (Series 293, 314, 317, 323, 324, 326, 331, 340, 342, 343, 369, 389, 395, 406, 422) "DIGIMATIC" Micrometer heads (Series 164) "DIGIMATIC" Standard micrometer (Series 121) "DIGIMATIC" Inside micrometer (Series 337, 339) Three-point inside micrometer "DIGIMATIC-Holtest" (Series 468) ABSOLUTE DIGIMATIC Borematic (Series 568) Height Micrometer "Heightmaster" (Series 515) Stationary hardness tester "Wizhard" (Series 810) Stationary hardness tester "Micro Vickers HM" (Series 810) Stationary hardness tester "Micro Vickers HV" (Series 810)	10 Pins (without data key) 
936937	965014		HH-120/140 Portable hardness tester (Series 810) ATK Stationary hardness tester (Series 810) ARK Stationary hardness tester (Series 810)	Identical connectors on both ends (without data key) 
936937	965014		ABSOLUTE DIGIMATIC Dial Indicator Type ID-F (Series 543) "DIGIMATIC" Dial Indicator Type ID-H (Series 543) Portable surface roughness tester SJ-201 P/S/PR (Series 178) Portable surface roughness tester SJ-301/S/PR (Series 178) Portable surface roughness tester SJ-401/SJ-402 (Series 178) Profile projector PJ-Series (Series 303) Profile projector PH-Series (Series 172) Height Micrometer "CERA-Heightmaster" (Series 515) Linear Height Gage "Linear Height" (Series 518) Height gauge QM-Height (Series 518) "Mu-Checker" Electronic length measuring instrument (Series 519) LINEAR GAGES Counter (Series 542) LSM-6000 Counter for Laser Scan Micrometer (Series 544) LaserScan Micrometer LSM 9506 "DIGIMATIC" Multi-unit (Series 572) "LITEMATIC" VL-50 (Series 318)	