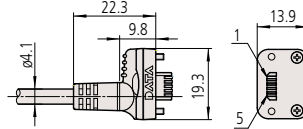


Digimatic data cable specifications (Dimensions)

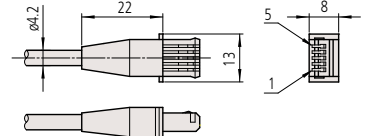
Gage connector dimensions

Unit: mm

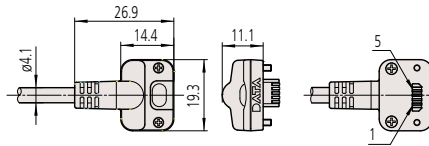
- A)** 1) 06AFM380A
2) 05CZA624 (1 m)
05CZA625 (2 m)
3) 02AZD790A (Standard)
02AZE140A (FSW)



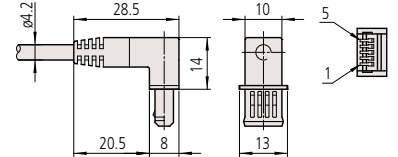
- F)** 1) 06AFM380F
2) 905338 (1 m)
905409 (2 m)
3) 02AZD790F (Standard)
02AZE140F (FSW)



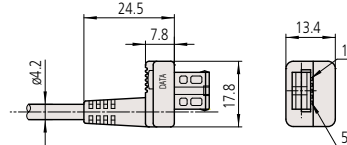
- B)** 1) 06AFM380B
2) 05CZA662 (1 m)
05CZA663 (2 m)
3) 02AZD790B (Standard)
02AZE140B (FSW)



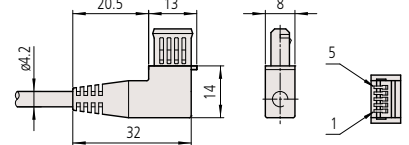
- FB)** 1) No applicable models
2) 905689 (1 m)
905690 (2 m)
3) No applicable models



- C)** 1) 06AFM380C
2) 959149 (1 m)
959150 (2 m)
3) 02AZD790C (Standard)
02AZE140C (FSW)

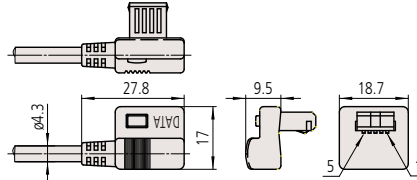


- FR)** 1) No applicable models
2) 905691 (1 m)
905692 (2 m)
3) No applicable models

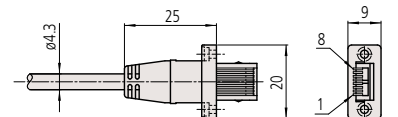


FL) and FR) is symmetrical and the same size.

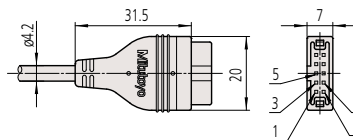
- CR)** 1) No applicable models
2) 04AZB512 (1 m)
04AZB513 (2 m)
3) No applicable models



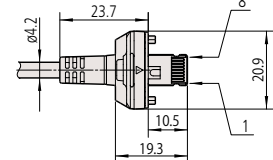
- G)** 1) 06AFM380G
2) 21EAA194 (1 m)
21EAA190 (2 m)
3) 02AZD790G (Standard)
02AZE140G (FSW)



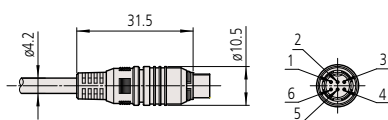
- D)** 1) 06AFM380D
2) 936937 (1 m)
965014 (2 m)
3) 02AZD790D (Standard)
02AZE140D (FSW)



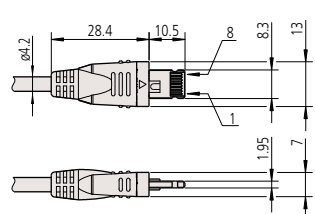
- SA)** 1) 06AGQ001A
2) 06AGL111 (1 m)
06AGL121 (2 m)
3) No applicable models



- E)** 1) 06AFM380E
2) 937387 (1 m)
965013 (2 m)
3) 02AZD790E (Standard)
02AZE140E (FSW)



- SF)** 1) 06AGQ001F
2) 06AGL011 (1 m)
06AGL021 (2 m)
3) 02AZG011 (Standard)
02AZG021 (FSW)



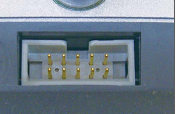
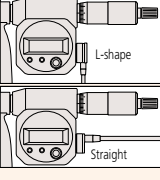
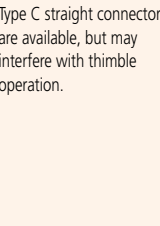
Note: (1), (2) and (3) are for connecting cables listed in 09-23 and 09-24.

Measurement Data Management

Connection cables and applicable models

1) USB Input Tool Direct USB-ITN 	Connector type		A) Water-proof type with output button	B) Water-proof type with output button	C) Straight type with output button	CR) L-shape type with output button, cable outlet on right	D) Flat 10-pin type
	Model Code No.		USB-ITN-A 06AFM380A	USB-ITN-B 06AFM380B	USB-ITN-C 06AFM380C	No applicable models USB-ITN-C can be used. See figure below	USB-ITN-D 06AFM380D
2) IT-020U/IT-007R/DP-1VA LOGGER/MUX-10F/EC Counter  Connector (13 types, A to G, SA and SF) Type D on the other end for all models	Connector type		A) Water-proof type with output button	B) Water-proof type with output button	C) Straight type with output button	CR) L-shape type with output button, cable outlet on right	D) Flat 10-pin type
	Code No.	1 m	05CZA624	05CZA662	959149	04AZB512	936937
		2 m	05CZA625	05CZA663	959150	04AZB513	965014
3) U-WAVE-T 	Connector type		A) Water-proof type with output button	B) Water-proof type with output button	C) Straight type with output button	CR) L-shape type with output button, cable outlet on right	D) Flat 10-pin type
	Standard		02AZD790A	02AZD790B	02AZD790C	No applicable models Type C can be used, but be careful of the cable when operating the thimble. (See figure below)	02AZD790D
	For foot switch		02AZE140A	02AZE140B	02AZE140C		02AZE140D

For connector types (circled in broken lines), select the model (A to G, SA, SF) that matches the connector shape of the Digimatic gage you are using.

Gage connectors on data cable The connector dimensions are given on page 09-22.	Connector type		A) Water-proof type with output button	B) Water-proof type with output button	C) Straight type with output button	CR) L-shape type with output button, cable outlet on right	D) Flat 10-pin type
	Cable Connector shape on Digimatic gage side						
	Data switch		Available	Available	Available	Available	N/A
Digimatic ports on gage Please note that some high-precision Digimatic gages are capable of displaying the measurement result to more than 6 digits. However, according to the Digimatic output specification, the result may be output in 6 digits only. Digimatic gages whose display may exceed 6 digits • Laser Scan Micrometers • Litematic • Linear gage counter (EH)	Picture of Digimatic port						
	Applicable models		• Digimatic caliper 500-776/500-777 , etc. 500-712-20/500-713-20 , etc. 500-712 etc. 550-301-10/550-331-10 , etc. 551-301-10/551-331-10 , etc. 552-302-10/552-303-10 , etc. 552-150-10/552-151-10 , etc. 552-155-10/552-156-10 , etc. 552-181-10/552-182-10 , etc. 573-601/573-602 , etc. • Digimatic depth gage 571-251-10/571-252-10 , etc. • Digimatic scale unit 572-600, 572-601 , etc.	• Digimatic micrometer 293-140-30/293-141-30 , etc. 293-230-30 etc. 340-251-30/340-252-30 293-666-20/293-667-20 , etc. 227-201-20/227-203-20 , etc. 227-205-20/227-206-20 , etc. 227-221-20 etc. 227-223-20 etc. 422-230-30/422-231-30 , etc. 406-250-30/406-251-30 , etc. 343-250-30/343-251-30 , etc. 369-250-30/369-251-30 , etc. 345-250-30/345-251-30 , etc. 314-251-30/314-252-30 , etc. • Digimatic micrometer head 350-251-30/350-261-30 , etc. • Digimatic holtest 468-161/468-162 , etc. • Digimatic depth gage 329-250-30/329-251-30 , etc.	• Digimatic caliper 500-150-30/500-151-30 , etc. 500-500-10/500-501-10 , etc. 500-443 etc. 573-118-10/573-119-10 etc. 573-116-10/573-117-10 , etc. 573-191-30/573-291-30 573-181-30/573-182-30 , etc. • Digimatic depth gage 571-201-30/571-202-30 , etc. • Digimatic micrometer head 164-163/164-164 • Digimatic scale unit 572-203-10/572-213-10 572-300-10/572-301-10 , etc.	• Digimatic micrometer 293-582/293-583 , etc. 389-514/389-714   Type C straight connectors are available, but may interfere with thimble operation.	• Digimatic indicator ID-H ID-F (Note 1) • High-precision height gage QMH-AX/BX • Mu-checker Digital Mu Checker (Note 1) • Laser scan micrometer LSM-9506 • Linear gage counter EF/EH (Note 2) EB (Note 1) and (Note 4), EC-101D (Note 1) • Litematic VL-B/S-B (Note 2) • Surface roughness measuring machine SJ-210 (Note 4)/ 310/410 SJ-500/SV-2100 (Note 3) • Hardness testing machines HM-210/220 HV-110/120 HR-530 HR-600

E) Round 6-pin type	F) Flat straight type	FB) Flat L-shape (cable outlet is back)	FR) Flat L-shape (cable outlet is right)	FL) Flat L-shape (cable outlet is left)	G) Flat straight water-proof type	SA) Water-proof straight model with output button	SF) Straight standard type
USB-ITN-E 06AFM380E	USB-ITN-F 06AFM380F	No applicable models USB-ITN-F is available.			USB-ITN-G 06AFM380G	USB-ITN-SA 06AGQ001A	USB-ITN-SF 06AGQ001F
E) Round 6-pin type	F) Flat straight type	FB) Flat L-shape (cable outlet is back)	FR) Flat L-shape (cable outlet is right)	FL) Flat L-shape (cable outlet is left)	G) Flat straight water-proof type	SA) Water-proof straight model with output button	SF) Straight standard type
937387	905338	905689	905691	905693	21EAA194	06AGL111	06AGL011
965013	905409	905690	905692	905694	21EAA190	06AGL121	06AGL021
E) Round 6-pin type	F) Flat straight type	FB) Flat L-shape (cable outlet is back)	FR) Flat L-shape (cable outlet is right)	FL) Flat L-shape (cable outlet is left)	G) Flat straight water-proof type	SA) Water-proof straight model with output button	SF) Straight standard type
02AZD790E	02AZD790F	No applicable models Use 02AZD790F or 02AZE140F .			02AZD790G	No applicable models Use 02AZG011 or 02AZG021 .	02AZG011
02AZE140E	02AZE140F				02AZE140G		02AZG021

Note 1: **USB-ITN** is required to use in the combination with **USB-ITPAK**, when connected to D) **ID-F**, D) digital Mu-checker, **EB**, **EC-101D**, and F) **ID-U**, **ID-SS**, **ID-SX**.

Note 2: **USB-ITN**, **IT-020U**, and **U-WAVE-T** cannot be used with D) **EF/EH** and D) **VL-B/S-B**.

Note 3: **USB-ITN** and **U-WAVE-T** cannot be used with D) **SJ-500/SV-2100**.

Note 4: **IT-020U** and **USB-ITN-SF** cannot be used with D) **SJ-210** and D) **EB**.

E) Round 6-pin type	F) Flat straight type	FB) Flat L-shape (cable outlet is back)	FR) Flat L-shape (cable outlet is right)	FL) Flat L-shape (cable outlet is left)	G) Flat straight water-proof type	SA) Water-proof straight model with output button	SF) Straight standard type
							
N/A	N/A	N/A	N/A	N/A	N/A	Available	N/A

 [Hardness testing machines] HM-102 HM-103 HM-320 HM-430 HM-411	 • Digimatic indicator ID-CX , ID-C112AX , ID-C112RXB , ID-C112GXB , ID-U (Note 1), ID-SS (Note 1), ID-SX (Note 1) HDM-AX , HD-AX , HDS-HC , HDS-C • ABS borematic 568-361/568-362 , etc. • Scale unit SD-E , SDV-E , SD-F , SDV-F	 • Digimatic bore gage 511-501/511-502 , etc. • Hardness testing machines HH-300	 • Digimatic depth gage Digimatic type (ID-CX)	 • Digimatic indicator ID-N ID-B	 • Digimatic micrometer QuantuMike (293-14X-40/293-18X-40)	 • Digimatic indicator ID-CNX ID-FNX • Digimatic depth gage Digimatic type (ID-CNX) • Digimatic thickness gage Digimatic type (ID-CNX)
	[How to check the code No. of the connecting cable used for the measuring instrument] • For models currently being sold Please check the optional accessories for the applicable Digimatic gage in the general catalog. The general catalog can also be viewed on the Mitutoyo website. Web address: https://www.mitutoyo.co.jp/ • Regarding discontinued models not listed in the general catalog (1) How to look for items from the general catalog For a digimatic indicator, you can check the "New and Old Product Compatibility Table" for compatible connecting cables. (2) How to look for items from the Mitutoyo website You can search the "Parts List". Enter the code number of the Digimatic gage you want to search for. Example: 293-421, 500-151, etc.					