

Head Scale

HA-705LK MSS-976R

-Excellent vibration resistance and waterproof head, guaranteed high reliability.

Head : HA-705LK

■ Waterproof performance equivalent to IP67.

■ Structure of excellent vibration resistance and shock resistance.

-Resist bad environment of rolling mill by water proof head developed only for it and excellent against harsh environment Magnescale.

-At tests done by our company, it has shock resistance which is 30 to 50G at acceleration and 110G or more at drop test (under our test condition).

■ Capable of extend with the cable only for it.

-Compliant with cable length up to max.150m

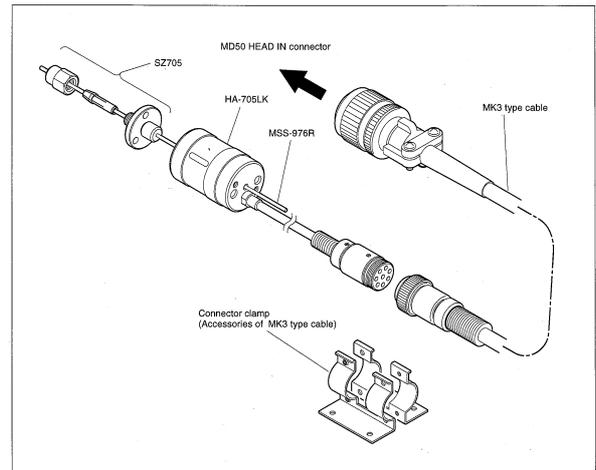
-Use material excellent for waterproof and oilproof

Scale rod : MSS-976R

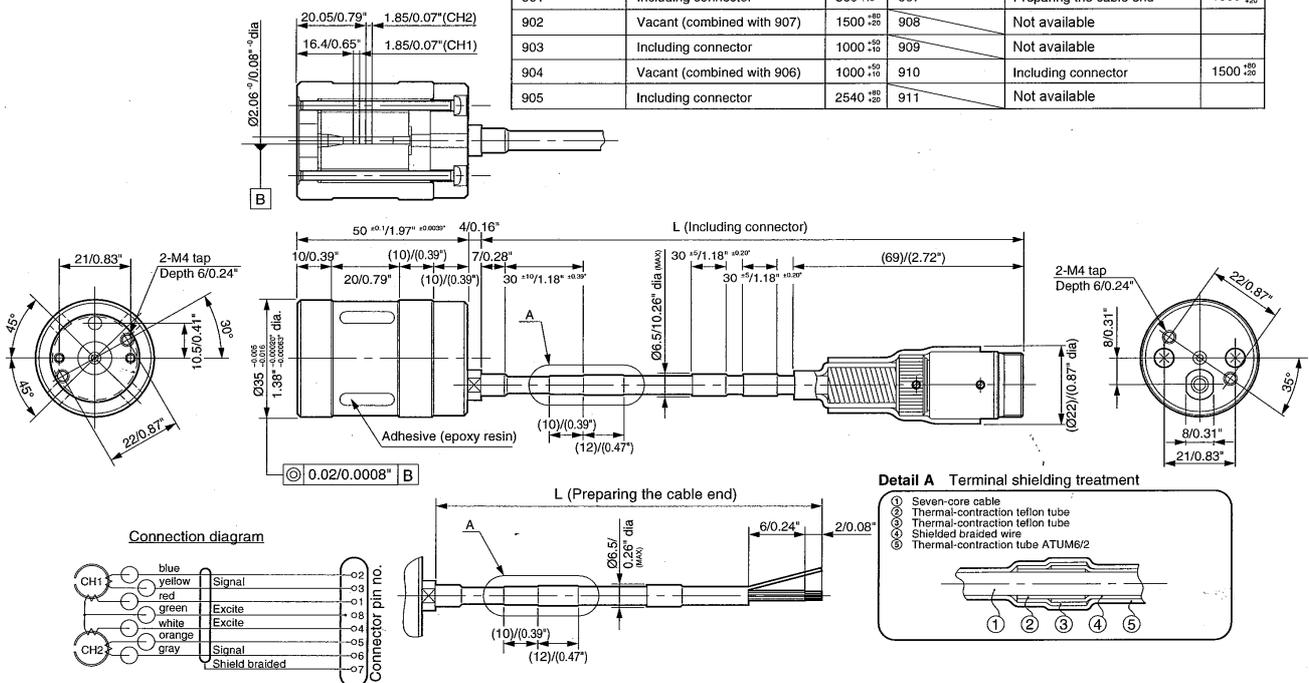
■ Accuracy : $\pm 3\mu\text{m}$

■ Measuring length : 200mm up to 600mm

(Overall length ; 30+ML+30 mm)



Special connection model	Cable terminal processing, description	L measurement	Special connection model	Cable terminal processing, description	L measurement
Standard	Preparing the cable end	500 $^{+50}_{-10}$	906	Preparing the cable end	1000 $^{+50}_{-10}$
901	Including connector	560 $^{+50}_{-10}$	907	Preparing the cable end	1500 $^{+50}_{-20}$
902	Vacant (combined with 907)	1500 $^{+50}_{-10}$	908	Not available	
903	Including connector	1000 $^{+50}_{-10}$	909	Not available	
904	Vacant (combined with 906)	1000 $^{+50}_{-10}$	910	Including connector	1500 $^{+50}_{-30}$
905	Including connector	2540 $^{+50}_{-10}$	911	Not available	



Insulation resistance and insulation yield strength

There should be DC 250 V over at least 50 m and a one-minute leakage current of 5 mA or less at AC250 V between the coils, coil and head unit, head unit and housing, and shield and head unit.

Note

The connection section of the thermal-contraction tube ATUM6/2 for the cable does not have a designated location. (This is because the length varies depending on the contraction state.)