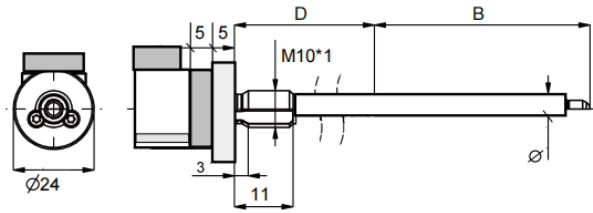


Technical drawing of a mechanical assembly. The drawing includes a side view and a cross-section. The side view shows a shaft with a diameter of 10, a length of 12, and a total length of 32. The shaft is supported by a bearing with a diameter of 10. The cross-section shows a circular feature with a diameter of 8.2 and four holes. The text "at end position" is present near the shaft end.

accessory size:

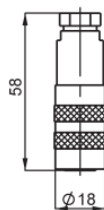
- Centring mounting kit



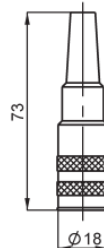
Note: Extension rod is required for 10mm range, standard length 24mm and 69mm, customized length should be accepted.

- Round Aviation plug

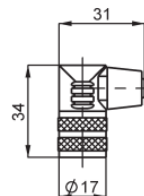
EEM33 -70-N



EEM33 -71-N



EEM33 -72-N



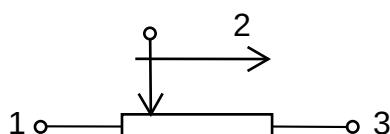
Note: Accept customized wiring, standard length 3m,5m,10m,15m.

Parameters:

Mechanical parameters		unit	Detail				
Range		mm	10	25	50	75	100
Housing length A (+/-1.0)		mm	48	63	94.4	134.4	166
Mechanical range B (+/-1.5)		mm	15	30	55	80	105
Size C		mm	7	12	12	12	12
size D		mm	6	32	32	32	32
Drive force (horizontal)		N	≤3.5	≤3.5	≤3.5	≤3.5	≤3.5
Return force (horizontal)		N	≤5.0	≤5.0	≤5.0	≤7.0	≤7.0
Max work frequency (side top upwards)		Hz	20	18	14	10	10
Max permissible torque in fixing screw		Ncm	140 in average				
Anti-vibration	frequency	Hz	5...2000				
	amplitude	mm	Max 0.75				
	acceleration	g	aMax= 20				
Anti-shock	time	ms	11				
	force	g	50				
Working life		time	> 50 x 10 ⁶				
Protection class			IP 40 (DIN EN 60529)				

Electrical parameter	unit	Details				
Rated range	mm	10	25	50	75	100
Electrical range	mm	12	27	52	77	102
Standard resistance	k Ω	1	1	5	5	5
Permissible tolerance	$\pm$ %	20				
Linearity	$\pm$ %	0.3	0.2	0.15	0.1	0.075
Repeatability	mm	0.004	0.004	0.01	0.01	0.01
Wiper working current	μ A	≤ 1				
Max wiper current in fault	mA	10				
Max permissible work voltage	V	42	42	42	42	42
input and output voltage effective temperature coefficient	ppm/k	5 in general				
Insulation resistance	M Ω	≥ 10 (500VDC)				
Insulation strength	μ A	≤ 100 (500VAC , 50Hz)				
Working temperature	$^{\circ}$ C	-30 - 100				

wirings:



Wirings define:

- terminal 1 --- brown wire: V+
- terminal 2 --- green wire: signal output
- terminal 3 --- white wire: 0V,common

instructions:

