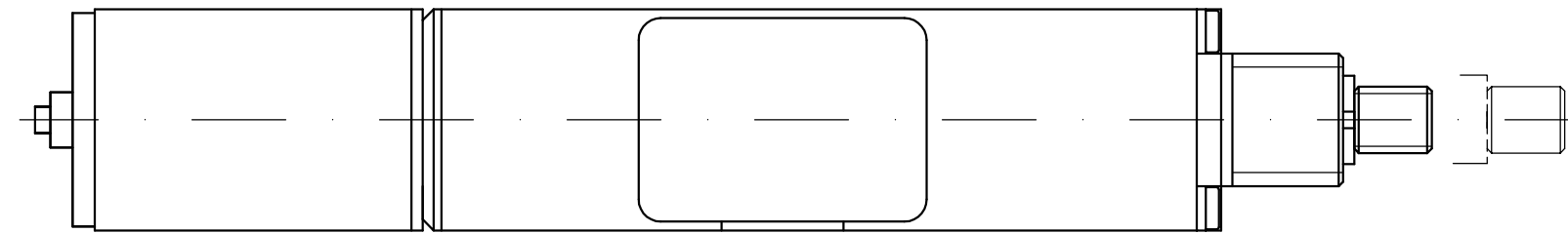
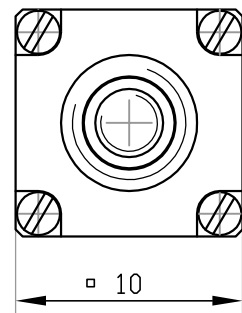
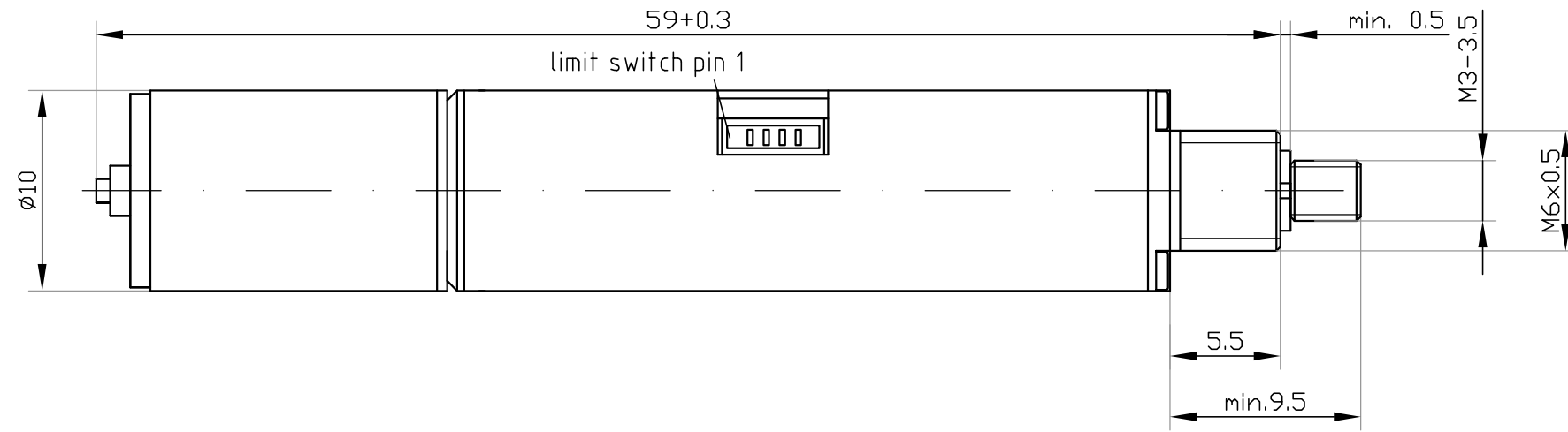


limit switch connector:  
JST SM04B-SURS-TF(LF)

cable:  
JST 04SUR-04SUR-32W150  
AWG32, 4-poles, 150mm, pitch 0.8mm

Pin assignment:  
1 neg. limit switch  
2 GND  
3 pos. limit switch  
4 Vcc (+5V...12V)

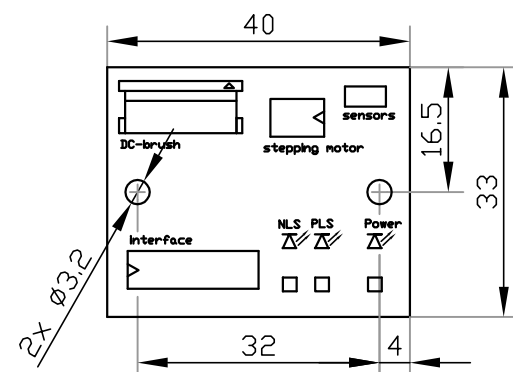


1 : 1



Subject to change without notice  
Dimensions in mm

connector pcb: (1:1)



Technical data: (preliminary)  
Motor: Stepper  $\phi 10\text{mm}$  / 0.25A / 20Steps/Rev.  
Theoretical resolution:  $0.25\mu\text{m}$  @ Fullstep  
Uni-directional repeatability:  $\pm 1\mu\text{m}$   
Gearbox: MPG-10-80  
Gear ratio: 80:1  
Pitch: 0.4mm  
max. speed: 1.3 mm/sec  
Travel range: 6mm  
max. Load: 12N  
2 Limit switches  
Ambient Temp.:  $-20\text{...}+65^\circ\text{C}$

<b>Micromotion PROPERTY</b> <small>Diese Zeichnung ist unser geistiges Eigentum und darf ohne unsere Einwilligung weder kopiert, vervielfältigt noch an dritte weitergegeben werden.</small>		<small>This drawing and information herein is our property and is to be used in strict confidence. It shall not be copied or given to any third party without our written permission.</small>		<b>Allgemeintoleranzen / General Tolerances: ISO 2768-f</b> <table border="1"> <tr> <td>0,5</td><td>3</td><td>6</td><td>30</td><td>120</td><td>400</td><td>1000</td><td>2000</td> </tr> <tr> <td>±0,05</td><td>±0,05</td><td>±0,1</td><td>±0,15</td><td>±0,2</td><td>±0,3</td><td>±0,5</td><td>/</td> </tr> </table>		0,5	3	6	30	120	400	1000	2000	±0,05	±0,05	±0,1	±0,15	±0,2	±0,3	±0,5	/			<b>Micromotion GmbH</b> An der Fahrt 13 Tel.: +49 (0)6131 66927-0 55124 Mainz Fax: +49 (0)6131 66927-20 Germany	
0,5	3	6	30	120	400	1000	2000																		
±0,05	±0,05	±0,1	±0,15	±0,2	±0,3	±0,5	/																		
Ersatz für / Replacement for:						Maßstab / Scale		(Gewicht / Weight)																	
Ersetzt durch / Replaced by:						2 : 1																			
Datum / Date				Name		Material		(Benennung / Title)																	
Bear. Drawn 19.02.08				Deumlich		/		MLP-10-80-6-ST-SPM0002																	
Gepr. Checked 19.02.08				Degen				(Zeichnungsnummer / drawing number)																	
Norm Standard								C-120242.0A-100-003																	
Status								Blatt/Sheet																	
Zus/Rev Änderung / Modification				Datum/Date		Name		1																	
								1 BL/SH																	