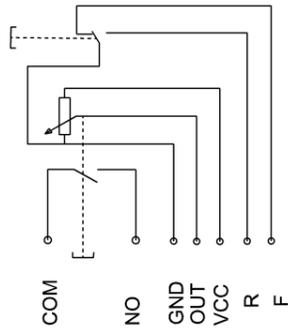
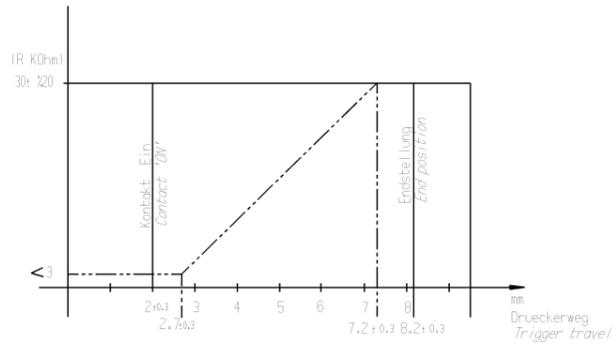


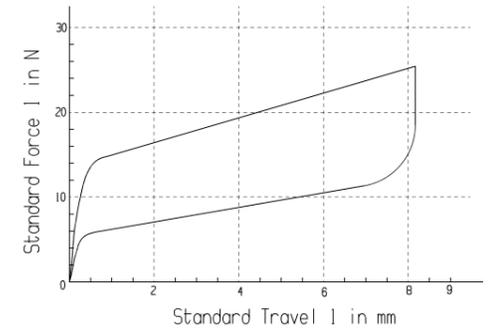
Scale 1:1



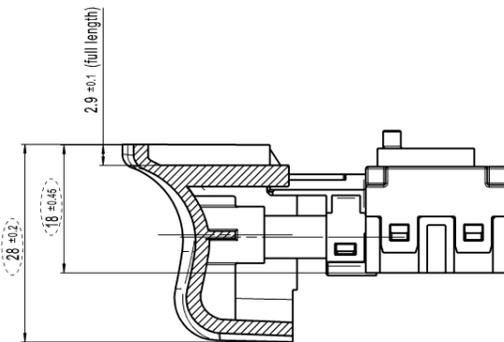
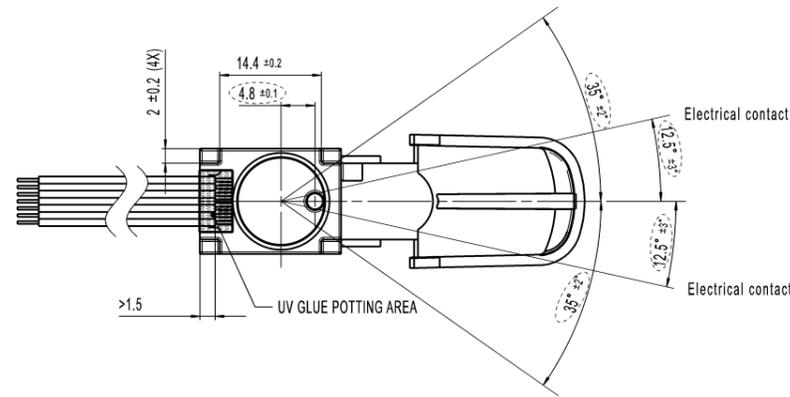
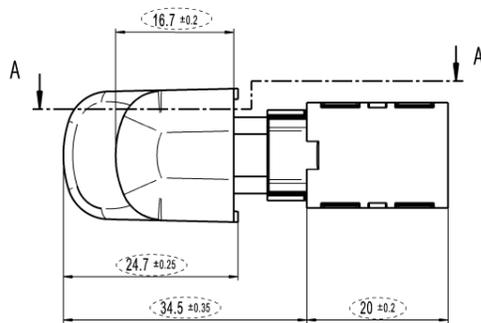
SCHEMATIC DIAGRAM



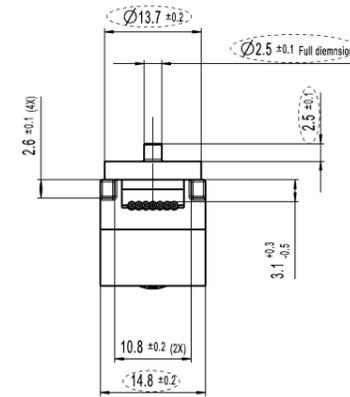
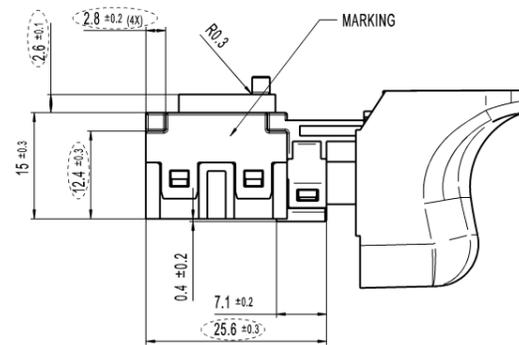
TRAVEL DIAGRAM



TRIGGER FORCE & TRAVEL GRAPH

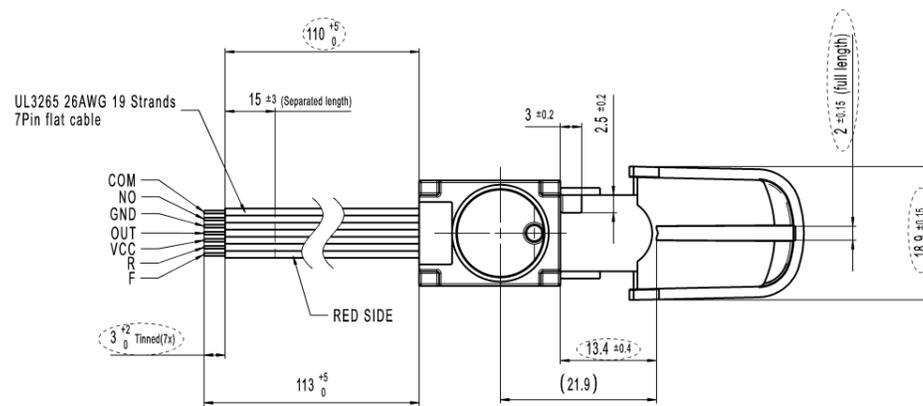


A-A



Marking

MARQUARDT  
100 mA 28 V DC SE4  
2723.0119 (760778015)  
YY.WW.DD IP 56



- NOTES:
1. SWITCH MOUNTING FORCE: 200N MAX (100N FOR SINGLE SIDE);
  2. TRIGGER PULL OUT FORCE: 180N MIN;
  3. SWITCH FORCE THAT THE TRIGGER CAN BE PRESSED AT FULL TRAVEL: 200N MIN;
  4. ALL LEAD WIRES PULL OFF FORCE: 30N MIN;
  5. FIR OPERATION FORCE SPEC 9±3N;
  6. MAIN TRIGGER OPERATION FORCE 22-28N;
  7. FIR DISK OPERATION FORCE 0 N IN MIDDLE POSITION BY 12.7MM/MIN BY CHECKING SPEED ON THE SHIFT DISTANCE 1.0±0.3MM
  8. SWITCH REVERSING MECHANISM LIFE TEST(WI-1577-A) RATING: 500,000 CYCLES;
  9. ALL DIMENSIONS/SPEC SHOULD BE MARKED WITH \* (CPK)\*;
  10. CRITICAL DIMENSION SPEC MARKED WITH \* (CPK)\*. PCBA SUPPLIER NEED CHECK INCLUDE ASSEMBLY DRAWING IF THE SWITCH SEND TO PCBA SUPPLIER; TTI QC NEED TO CHECK IF THE SWITCH SEND TO TTI DIRECTLY;
  11. IF HAD SPECIAL REQUEST NEED TO CHECK A PERCENTAGE OF CRITICALS WILL BE MARKED WITH \* (CPK)\*. DIMENSION WILL BE INSPECTED AT SUPPLIER AND PCBA SUPPLIER IF THE SWITCH SEND TO PCBA SUPPLIER; TTI QC NEED TO CHECK IF THE SWITCH SEND TO TTI DIRECTLY;
  12. SWITCH RATING: 28V d.c. 100mA;
  13. SWITCH OVERLOAD TEST (WI-1577-B) RATING: XXXA MIN (N/A FOR SIGNAL SWITCH)
  14. SWITCH CONTACT SETTING TIME TEST (WI-1577-AA) RATING: 20ms MAX;
  15. SWITCH ON/OFF NO LOAD CYCLE LIFE TEST (WI-1577-G) RATING: 1000,000 CYCLES;
  16. SWITCH CYCLE LIFE ENDURANCE TEST (WI-1577-D): 500,000 CYCLES;
  17. CONTAMINATION TEST (WI-1577-B) RATING: 40 CYCLES;
  18. ON/OFF MAIN ON SIGNAL MUST RISE NORMALLY BEFORE THE POTENTIOMETER SIGNAL BEGINS TO RISE ACROSS THE FULL FUNCTIONAL TEMP OPERATION RANGE. ON/OFF MAIN ON SIGNAL AND POTENTIOMETER SIGNAL SHOULD BE FUNCTIONAL NORMALLY ACROSS -20 to 65 DEGREE C OPERATING RANGE.
  19. SWITCH IP RATING: IP56;
  20. WATERPROOF TEST RATING (IEC60529): IPX8
  21. MARKING SPECIAL REQUIREMENT AND EXTRA COMPONENT ON THE DRAWING IF HAVE;
  22. ALL LEAD WIRES STRIPPED AND TINNED ACCORDING TO WI-1176(ES13-11) AND WI-1180(ES13-12); ALL LEAD WIRES TERMINAL CRIMPING ACCORDING TO WI-1183 (ES13-15);

Figure		Type		2723.0119-XX	
Gen. tolerances	Sheet 01		Ident.	Document number	Index
Shape and location	Angle ± 2 °	Length	Formal DIN	27230119	b
	Edge tolerance	± 0.15	± 0.2	Projection Scale	K
		± 0.20	± 0.5		
	Ø 10-15	± 0.15	± 0.2	A1	2:1
	Ø 15-20	± 0.20	± 0.5		
	Ø 20-30	± 0.25	± 1.0		
	Ø 30-50	± 0.30	± 1.5		
All dimensions are in millimetres					
b	142890	2022-06-23	LIULE	System NX V1872	
a	141751	2022-02-28	LIULE	Replacement of	
	139274	2021-10-22	LIULE		
Index	MEC-No.	Date (YYYY-MM-DD)	Edited by		