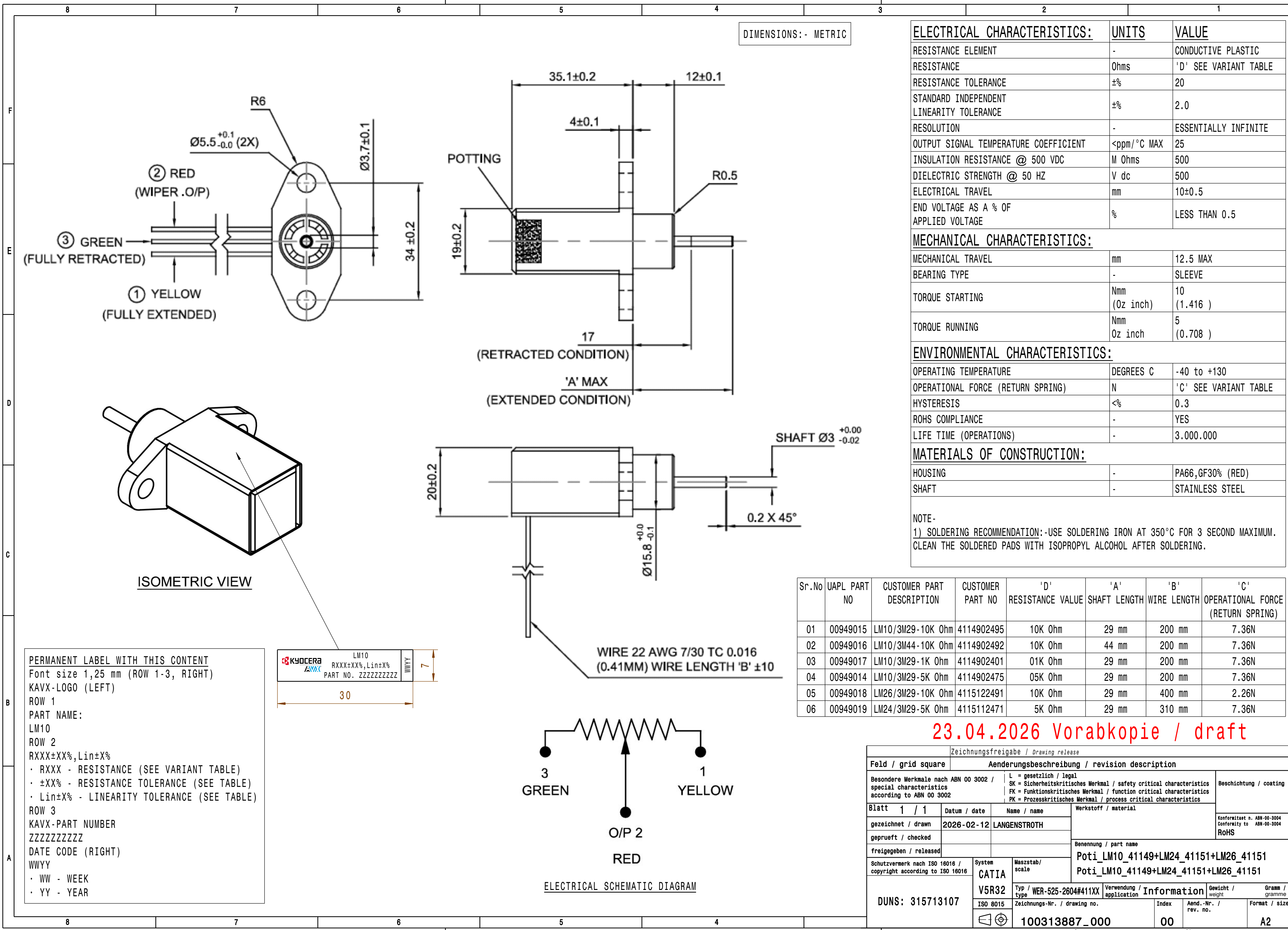




DIMENSIONS:- METRIC

ELECTRICAL CHARACTERISTICS:	UNITS	VALUE
RESISTANCE ELEMENT	-	CONDUCTIVE PLASTIC
RESISTANCE	Ohms	'D' SEE VARIANT TABLE
RESISTANCE TOLERANCE	±%	20
STANDARD INDEPENDENT LINEARITY TOLERANCE	±%	2.0
RESOLUTION	-	ESSENTIALLY INFINITE
OUTPUT SIGNAL TEMPERATURE COEFFICIENT	<ppm/°C MAX	25
INSULATION RESISTANCE @ 500 VDC	M Ohms	500
DIELECTRIC STRENGTH @ 50 HZ	V dc	500
ELECTRICAL TRAVEL	mm	10±0.5
END VOLTAGE AS A % OF APPLIED VOLTAGE	%	LESS THAN 0.5

MECHANICAL CHARACTERISTICS:		
MECHANICAL TRAVEL	mm	12.5 MAX
BEARING TYPE	-	SLEEVE
TORQUE STARTING	Nmm (Oz inch)	10 (1.416)
TORQUE RUNNING	Nmm (Oz inch)	5 (0.708)

ENVIRONMENTAL CHARACTERISTICS:		
OPERATING TEMPERATURE	DEGREES C	-40 to +130
OPERATIONAL FORCE (RETURN SPRING)	N	'C' SEE VARIANT TABLE
HYSTERESIS	<%	0.3
ROHS COMPLIANCE	-	YES
LIFE TIME (OPERATIONS)	-	3.000.000

MATERIALS OF CONSTRUCTION:		
HOUSING	-	PA66,GF30% (RED)
SHAFT	-	STAINLESS STEEL

NOTE-
1) SOLDERING RECOMMENDATION:-USE SOLDERING IRON AT 350°C FOR 3 SECOND MAXIMUM.
CLEAN THE SOLDERED PADS WITH ISOPROPYL ALCOHOL AFTER SOLDERING.

Sr.No	UAPL PART NO	CUSTOMER PART DESCRIPTION	CUSTOMER PART NO	'D' RESISTANCE VALUE	'A' SHAFT LENGTH	'B' WIRE LENGTH	'C' OPERATIONAL FORCE (RETURN SPRING)
01	00949015	LM10/3M29-10K Ohm	4114902495	10K Ohm	29 mm	200 mm	7.36N
02	00949016	LM10/3M44-10K Ohm	4114902492	10K Ohm	44 mm	200 mm	7.36N
03	00949017	LM10/3M29-1K Ohm	4114902401	01K Ohm	29 mm	200 mm	7.36N
04	00949014	LM10/3M29-5K Ohm	4114902475	05K Ohm	29 mm	200 mm	7.36N
05	00949018	LM26/3M29-10K Ohm	4115122491	10K Ohm	29 mm	400 mm	2.26N
06	00949019	LM24/3M29-5K Ohm	4115112471	5K Ohm	29 mm	310 mm	7.36N

23.04.2026 Vorabkopie / draft

Zeichnungsfreigabe / Drawing release									
Feld / grid square		Änderungsbeschreibung / revision description							
Besondere Merkmale nach ABN 00 3002 / special characteristics according to ABN 00 3002			L = gesetzlich / legal SK = Sicherheitskritisches Merkmal / safety critical characteristics FK = Funktionskritisches Merkmal / function critical characteristics PK = Prozesskritisches Merkmal / process critical characteristics					Beschichtung / coating	
Blatt 1 / 1		Datum / date	Name / name		Werkstoff / material				
gezeichnet / drawn		2026-02-12	LANGENSTROTH						
geprüft / checked				Benennung / part name					
freigegeben / released									
Schutzvermerk nach ISO 18016 / copyright according to ISO 18016		System CATIA	Masstab / scale	Poti_LM10_41149+LM24_41151+LM26_41151					
				Poti_LM10_41149+LM24_41151+LM26_41151					
DUNS: 315713107		V5R32	Typ / WER-525-2604#411XX	Verwendung / Information			Gewicht / weight	Gramm / gramme	
		ISO 8015	Zeichnungs-Nr. / drawing no.			Index	Änd.-Nr. / rev. no.	Format / size	
			100313887_000			00		A2	