

Magneto-strictive

LA_66K*410 SINEC L2 DP

OrderNo.:312-02559

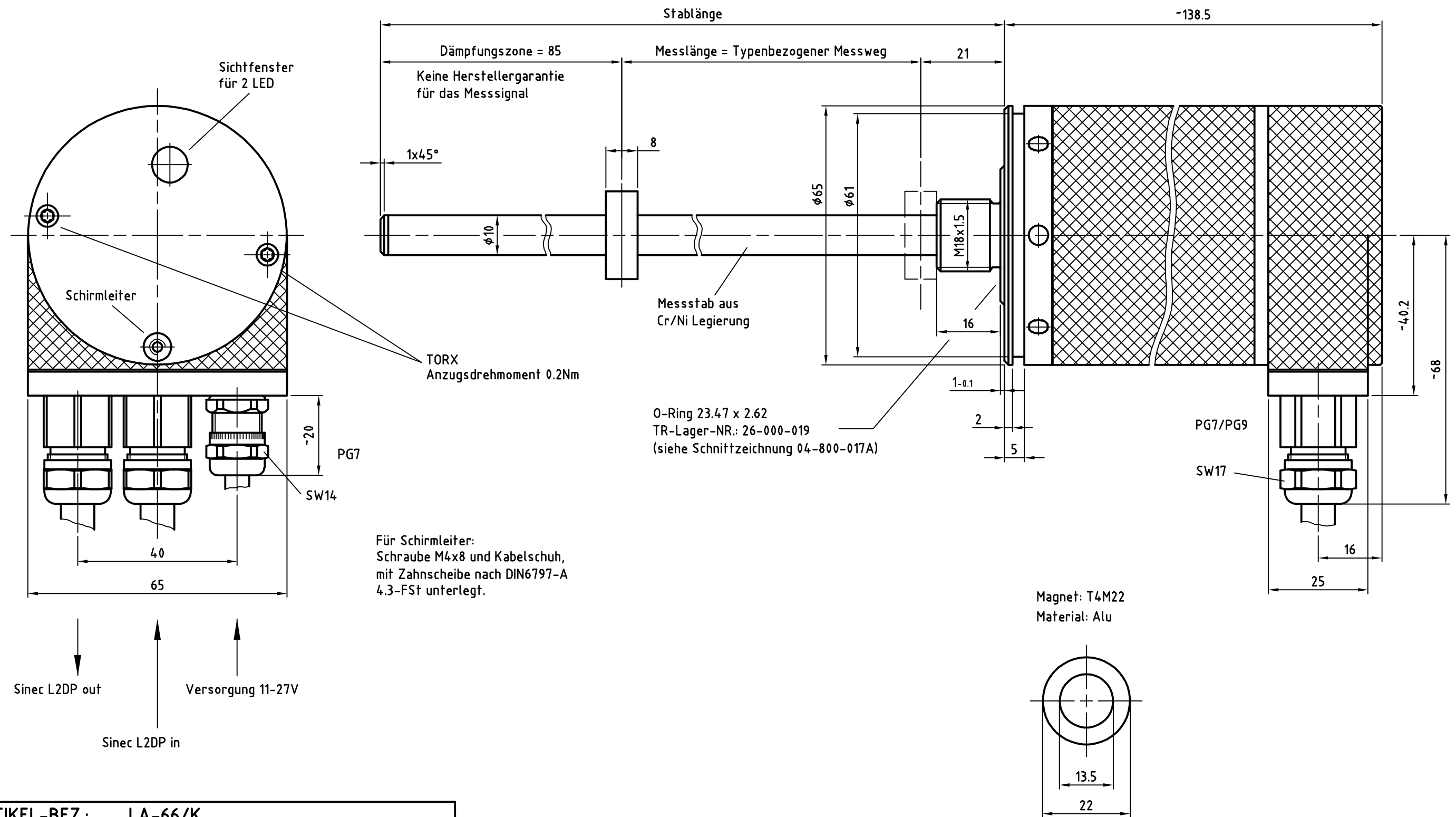
23.5.2023 / 010201006012010299

Technical data

ROD LENGTH	516,00 MM
MEASURING LENGTH	410,00 MM
ROD END-MOUNTING	NO
INTERFACE	SINEC L2 DP
OUTPUT LEVEL	RS485
CODE	BINARY
RESOLUTION	0,01
SUPPLY VOLTAGE	19-27V
OPERATING TEMPERATURE	-20+70°C
FLANGETYPE	HYDRAULIC FLANGE
MAGNET TYPE	T4-M22
CONNECTOR TYPE	2XPG9 / 1XPG7
CONNECTOR-POSITION	PG RADIAL
MATING PLUG	NO
OPTION-LA	PRESET
OPTION-LA	PROGR
OPTION-LA	V/R
DRAWING NO.	04-871-1186
FIRMWARE NO	5043.01
PINOUT NO.	TR-ELA-TI-GB-0002
OPERATING INSTRUCTIONS	DOKUMENTE
AL:	N
ECCN:	N

GL	Wellenausführung glatt / shaft type cylindrical
FL	Wellenausführung mit Fläche / shaft type with flat surface
N	Wellenausführung mit Nut / shaft type with slot
Hohlw	Hohlwelle / hollow shaft
Klemme	mit Klemmring / with clamping ring
Grundw	Grundwelle / fundamental shaft
SLG	Seillängengeber / cable retractor
ZB	Zentrierbund / centre ring
Tachofl	Tachoflansch / tachometer flange
DAG	DAG-Schutzgehäuse / DAG protective housing
TK	Teilkreis / pitch circle

Subject to change.

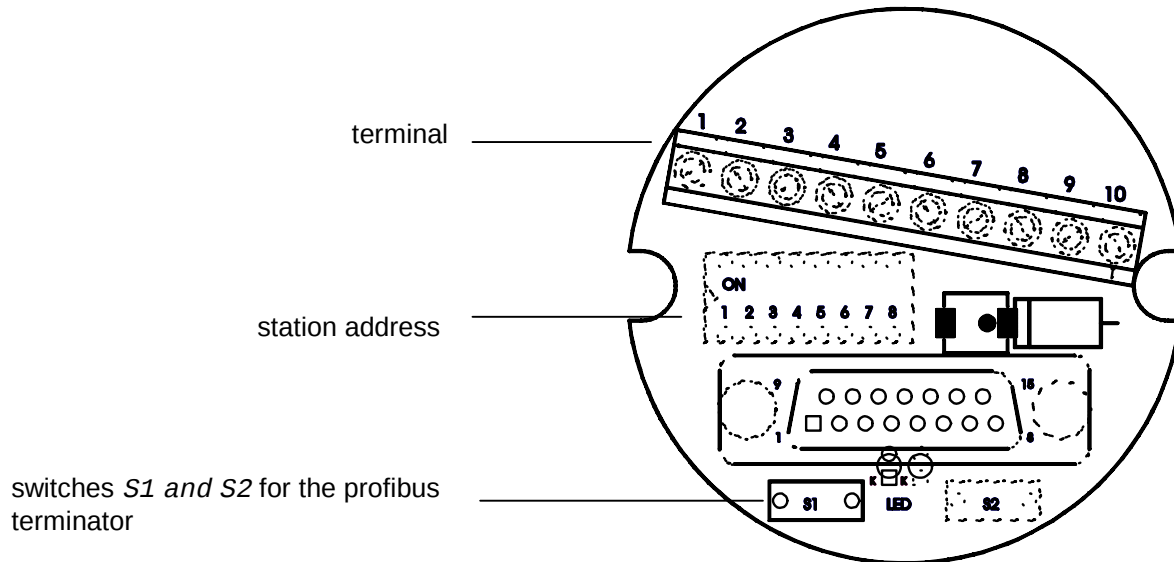


ARTIKEL-BEZ.:	LA-66/K
MESSLÄNGE	siehe Tabelle
STABLÄNGE	siehe Tabelle
AUFLÖSUNG	0.01mm
SCHNITTSTELLE	SINEC L2DP
CODE	BINAER
AUSGANGSPEGEL	RS485
VERSORGUNGSSPANNUNG	19...27VDC
FLANSCHART	Stahlflansch
MAGNET	T4M22
STECKERART	2xPG9 + 1xPG7 radial
OPTIONEN	HYDRAULISCH ABGEPRESST, PT, PRESET, V/R

Messlänge "M" in mm	Stablänge "S" in mm	TR-Electronic Artikel-NR.
1510	1616	312-02558
1010	1116	312-02556
830	936	312-02518
610	716	312-02557
410	516	312-02559
190	296	312-02544

TR TR Electronic GmbH Eglishalde 6 78647 Trossingen Telefon 07425/228-0						Maßstab 1:1 DIN A3		Projekt-Nr.:				
						Artikel-Nr.:		SIEHE TABELLE				
						Bestell-Nr.:						
					Datum	Name		LA-66/K, Ausf.: Sinec L2DP Gewinde M18x1.5				
				Erstellt	13.08.2008	HABETLER						
				Bearb.	19.01.2009	HABETLER						
				Gepr.								
				Norm								
				Steckerbelegung:				Zeichnungs-Nr.:		Blatt 1		
2	312-02556/7/8/9 ergä	19.01.09	Habeller	TR-ELA-TI-D-0002						04-871-1186		Bl
1	312-02544 ergänzt	10.11.08	Habeller									
Zust.	Änderung		Datum	Name	EDV-Nr.:							

Connector pin assignment (Linear-absolute encoder LA-66 Profibus-DP)



Terminal

Pin 1	Profibus DataB
Pin 2	Profibus DataA
Pin 3	Profibus DataB
Pin 4	Profibus DataA
Pin 5	PRE
Pin 6	F/R
Pin 7	RS485 for PC-adapter and EPROG -
Pin 8	RS485 for PC-adapter and EPROG +
Pin 9	US = 19 - 27 VDC
Pin 10	GND

Setting of the station address (BCD coded)

ON	1	2	3	4	5	6	7	8
OFF	1	2	3	4	5	6	7	8
	8	4	2	1	8	4	2	1
	tens digit				units digit			

In this example the station address = 63 decimal.

The station address for the profibus can be set from **3** to **99**.

S1,S2 switches for the profibus terminator:

OFF = not terminated by a resistance, **ON** = terminated by a resistance

LED green = NORMOPER

LED red = DIAERROR

PRE = Preset input

When the preset input is "active" (switching with US or > 11 VDC) the data outputs are set to the programmed preset value.

F/R = Count direction input

When the F/R input is "active" (switching with US or > 11 VDC) the count direction can be inverted.