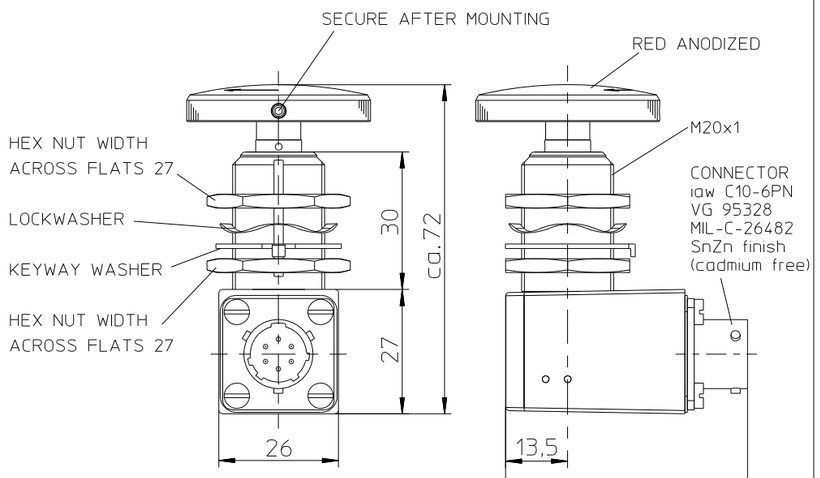
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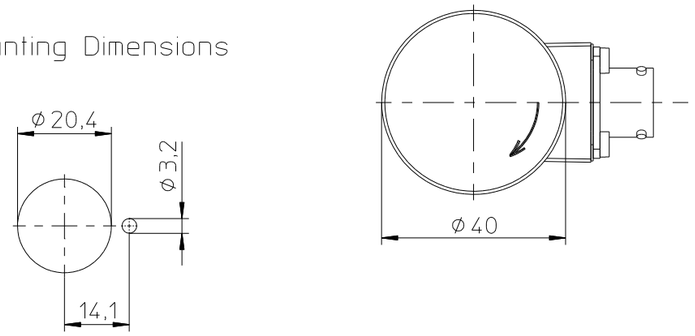
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-26-384131 POTTING PROCESS CHANGED	18MAY2026	KS	RB

EC No. PCN-24-202960

Limit Switch



Mounting Dimensions

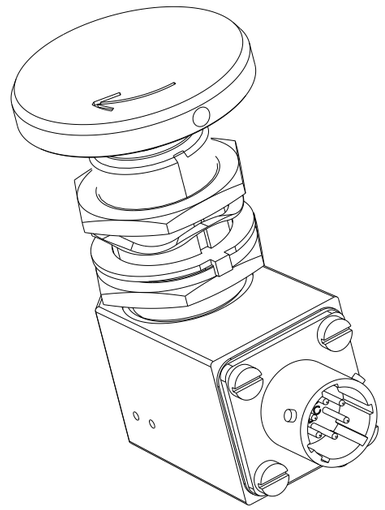


Wiring Diagram



NOTES
Bemerkungen

1. TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer



	Date	Name
Create	14.10.2004	Stegm
Edited	27.04.2015	Stock
Check	07.06.2016	Stock

mm — General Tolerances DIN ISO 2768 cL

Scale 1:1

Drawing No: G13-01-1629

NSN.:

1	K1122917	A	LIMIT SWITCH Grenztaster	1
TE ORDER-NO.		REV.	DESCRIPTION	ITEM NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±

MATERIAL

FINISH

DWN	14OCT2004 H.Stegmaier
CHK	27APR2015 R.Stockinger
APVD	07JUN2016 R.Stockinger
PRODUCT SPEC	
APPLICATION SPEC	
WEIGHT	

TE Connectivity

NAME: LIMIT SWITCH Grenztaster

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-G13-01-1629	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 2 | REV A

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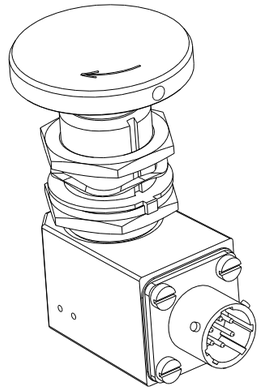
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

EC No.
PCN-24-202960

Limit Switch

Description of Function

The switch G13-01-1629 is a manually operated switch with a locking mechanism and two switching positions.
The change-over from switching position 1 (as shown on drawing) into switching position 2 occurs whenever the actuation knob has been firmly pressed down.
The switch remains locked in switching position 2.
Twisting the actuation knob into the direction of the arrow will cause release of the locking mechanism and the switch will snap back into switching position 1.



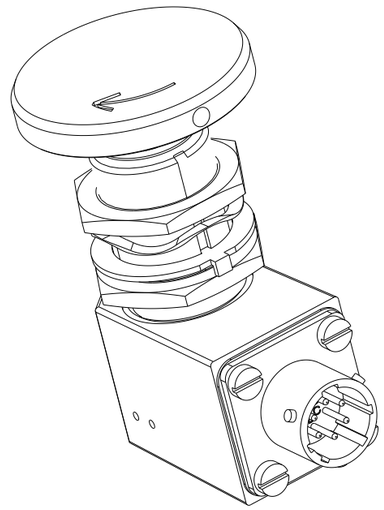
Technical Data

Environmentally Characteristics

Housing material	Al-Alloy
Temperature range	-55 °C to +85 °C
Sealing IEC 60529 (connected)	IP 67 (0,2 bar, 5 min)
Vibration iaw MIL-STD-202, Method 204, Test condition B (10-2000 Hz)	15 g
Shock iaw MIL-STD-202, Method 213, Test condition I (6 ms, sawtooth)	100 g
Insulation resistance iaw MIL-STD-202, Method 302, Test Condition B (500 V, 1 min)	min. 100 MOhm
Dielectric withstanding voltage iaw MIL-STD-202, Method 301	1050 V
Operating force to locking mechanism	app. 60 N
Torque on the knob	max. 5 Nm
Torque M20x1	20 - 25 Nm
Pretravel	max. 2,5 mm
Locks at (Position 2)	5 mm
Totaltravel	6 mm
Endurance iaw MIL-S-8805, §4.8.26 (28 VDC, 1 A)	10.000 cycles
Endurance mechanical	min. 10.000 cycles
Switch insert MS 24547-2 iaw MIL-S-8805 to +82 °C	Gold (Au)
Weight	ca. 0,168 kg

Electrical Characteristics

Voltage	28 VDC
Current	1 A
Electrical rating, resistive load	28 VDC, 1 A
Electrical rating, inductive load	28 VDC, 0,5 A
Electrical rating min., resistive load	15 VDC, 5 mA
Electrical rating min., inductive load	5 VDC, 10 mA



	Date	Name
Create	14.10.2004	Stegm
Edited	07.06.2016	Stock
Check	07.06.2016	Stock

mm
General Tolerances DIN ISO 2768 cL

Scale 1:1

Drawing No: G13-01-1629

NSN.:

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±

MATERIAL

FINISH

DWN H.Stegmaier 14OCT2004
CHK R.Stockinger 24APR2015
APVD R.Stockinger 07JUN2016
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

TE Connectivity

NAME
LIMIT SWITCH
Grenztaster

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-G13-01-1629	-

CUSTOMER DRAWING

SCALE 1:1 SHEET 2 OF 2 REV A

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