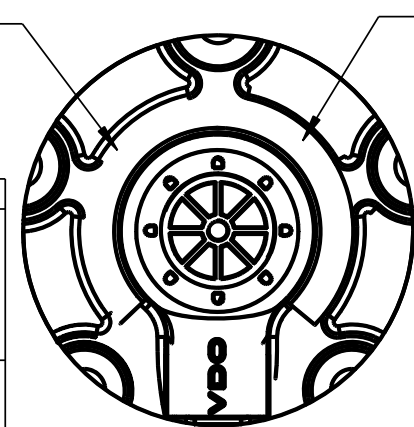


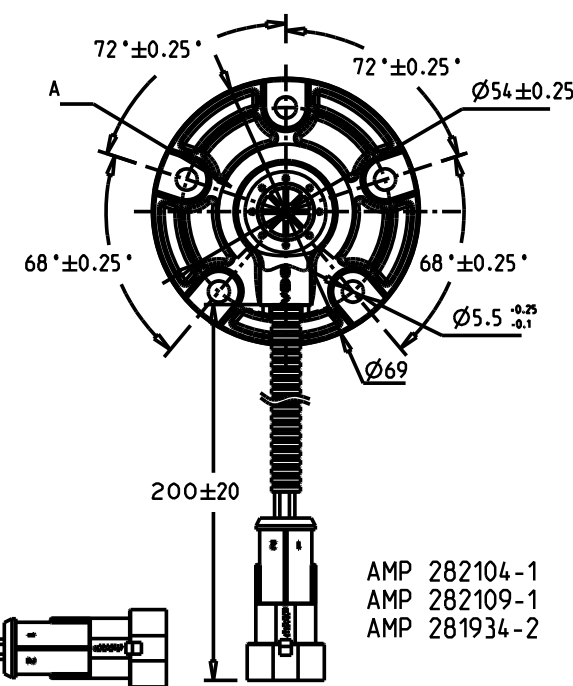
A
B
C
D
E
F

Part No.	Length	R (Ω)	Reed Switches
A2C 17200300	150 mm	0-180	7
A2C 17424100	160 mm	0-180	
A2C 17429800	170 mm	0-180	
A2C 17441700	180 mm	0-180	
A2C 17441800	190 mm	0-180	
A2C 17441900	200 mm	0-180	8
A2C 17442000	210 mm	0-180	
A2C 17442100	220 mm	0-180	
A2C 17442200	230 mm	0-180	9
A2C 17442300	240 mm	0-180	
A2C 17442400	250 mm	0-180	10
A2C 17442500	260 mm	0-180	
A2C 17442600	270 mm	0-180	11
A2C 17442700	280 mm	0-180	
A2C 17442800	290 mm	0-180	12
A2C 17442900	300 mm	0-180	
A2C 17443000	310 mm	0-180	
A2C 17443100	320 mm	0-180	13
A2C 17443200	330 mm	0-180	
A2C 17443500	340 mm	0-180	14
A2C 17443600	350 mm	0-180	
A2C 17443700	360 mm	0-180	15
A2C 17443800	370 mm	0-180	
A2C 17443900	380 mm	0-180	16
A2C 17444000	390 mm	0-180	
A2C 17444100	400 mm	0-180	17
A2C 17444200	410 mm	0-180	
A2C 17444300	420 mm	0-180	18
A2C 17444400	430 mm	0-180	
A2C 17444500	440 mm	0-180	19
A2C 17444600	450 mm	0-180	
A2C 17444700	460 mm	0-180	20
A2C 17444800	470 mm	0-180	
A2C 17457800	480 mm	0-180	21
A2C 17457900	490 mm	0-180	
A2C 17458000	500 mm	0-180	22
A2C 17458100	550 mm	0-180	24
A2C 17201000	600 mm	0-180	26
A2C 17458200	650 mm	0-180	29
A2C 17458300	700 mm	0-180	31
A2C 17458400	750 mm	0-180	34
A2C 17458800	800 mm	0-180	36
A2C 17458900	850 mm	0-180	38
A2C 17459000	900 mm	0-180	41
A2C 17459100	950 mm	0-180	43
A2C 17459200	1000 mm	0-180	46
A2C 17459300	1050 mm	0-180	48
A2C 17459400	1100 mm	0-180	50
A2C 17459500	1150 mm	0-180	52
A2C 17459600	1200 mm	0-180	55



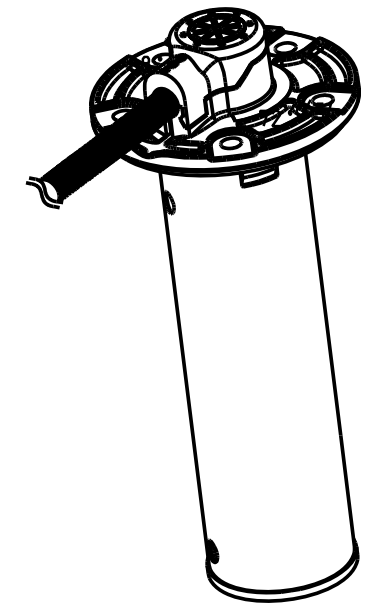
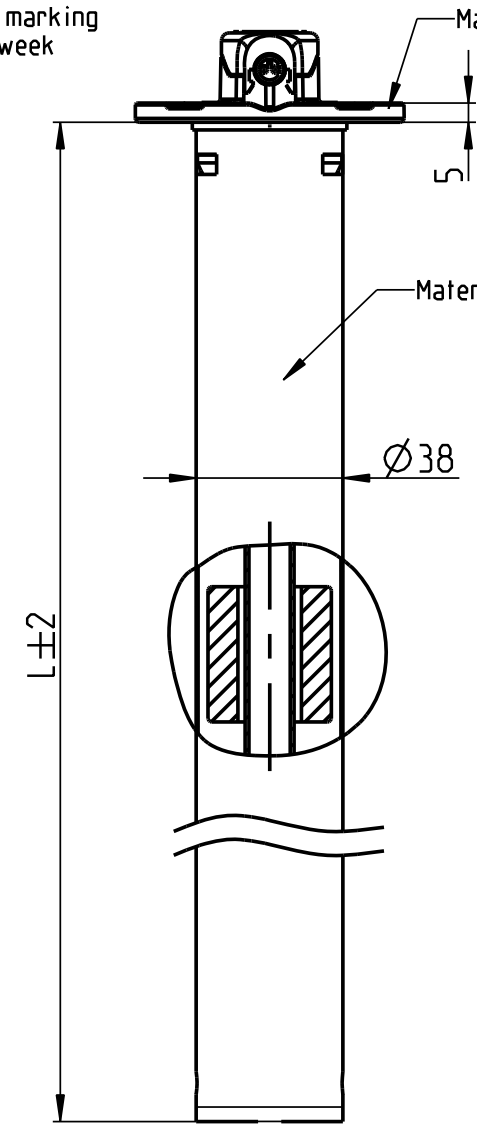
Detail drawing A 2:1

0Ω empty
180Ω full



AMP 282104-1
AMP 282109-1
AMP 281934-2

Mating connector AMP 282080-3
Minimum hole diameter for cable managment 20mm



Technical requirements:

- Electrical characteristics
Rating power: P 125mw
Working current: I max. 300mA
- Deviation of resistance output: $\pm(R*1.5\%+1\Omega)$
- Working medium: gasoline, diesel, alcohol
- Working temperature: -40° +85°
- Protection class: IP 65
- Tightening torque for mounting screws 2Nm

Do not use for drink water tanks (AC)

Teil nach RoHS (Elektronik), REACH (Mechanik) / PART ACCORDING TO RoHS (ELECTRONICS), REACH MECHANICS)
IMDS Anforderungen / IMDS REQUIREMENTS
-The material information must be registered and maintained in the International Material Data System (IMDS)
-The IMDS input is the supplier's responsibility and is a requirement for every ISTR.
-The IMDS sheet ID number has to be declared in the ISTR.
-Veratron material number has to be mentioned in the field part/item number in IMDS.
-Drawing number, drawing version, drawing date and part material revision have to be mentioned at recipient data area of IMDS.
• Freigabe durch veratron AG erforderlich/APPROVAL TO BE OBTAINED FROM veratron AG

Reduced drawing				Valid in connection with current 3D-Model only.	
Document version	Previous version	Changed items	Change description (including number)		
AD	AC	2	Change No CHO-000107 Added reed switches, tolerance resistance output		
Surface		-	General Tolerance		ISO 2768-mK
Material		-			
Weight		calculated	[.3] kg	weighed $\pm 5\%$	
3D-Model		41182958_CAD_000.ASM		Scale	
Drawing		41182959_DRW_000.DRW		1:6	
For internal use only				Date	
Designed by		Gianluca Lo Sinno @ veratron AG		07-Nov-2019	
Released by		Helmuth Mohr @ veratron AG		08-Nov-2019	
Designation		level sensor			
Document key		41182959_DRW_000 AD		Pages	
Ruethi				1 of 1	
Copyright (C) veratron AG 2018					

Resistance Output tolerance: $\pm R*1.5\%+1\Omega$ (AD)

Tolerance for plastic parts CN 58530-1 () Auxiliary dimension DIN 406 - 10 () Theoretical dimension ISO 1101 Part edges ISO 13715
() Unfinished dimension DIN 406 - 10 () Surface quality ISO 1302 Tolerances Size ISO 14405