103

118

189

(355)

(166)

20

80

G 1"1/2 (BSPP)

AC1INOX
density > 1,0kg/dm3

R50

PFG57AT

MAX. 5A / 250V

∿ 115 / 230 V (AC)

NO	COM	NC	230	115	[N]	PE
6	5	4	3	2	1	1	⏚
SIGNAL			POWER SUPPLY			

MAX. 5A / 250V

∿ 24/ 48 V (AC)

NO	COM	NC	48	24	[N]	PE
6	5	4	3	2	1	1	⏚
SIGNAL			POWER SUPPLY			

MAX. 5A / 250V

⎓ 24 V (DC)

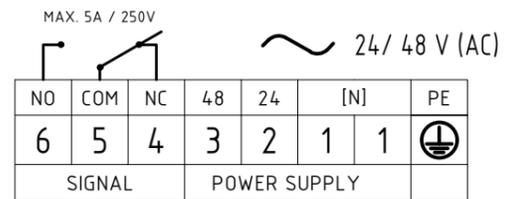| NO	COM	NC	not used	± 24	± 24	PE
6	5	4	3	2	1	1	⏚
SIGNAL			POWER SUPPLY			

Terminals : male FASTON (.250 series / 6,3x0,8 mm)

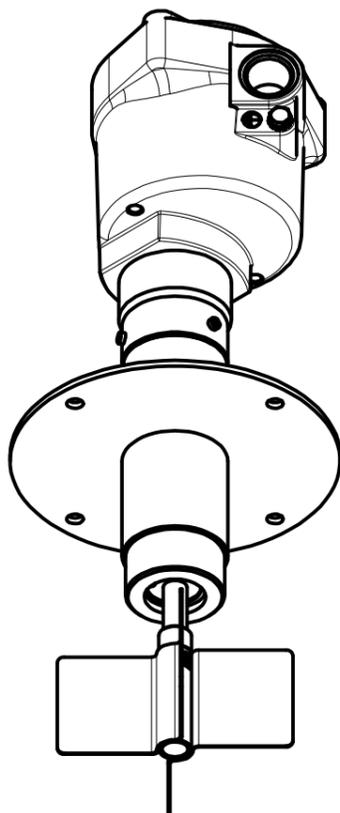| Model	PFG57AT
Weight	1,5 [kg]
Power supply	– Bivoltage 115/230[V] (50...60Hz) – 4[W]
	– Bivoltage 24/48[V] (50...60Hz) – 4[W]
	– DC 24[V] ±15% – 4[W]
Signal	SPDT / max. 5[A]–250VAC
IP grade	IP65
Housing	Aluminium (powder coated)
Connection	G1" 1/2 – AISI304
Ambient temperature	–20 < Ta < +70 [°C]
	–40 < Ta < +70 [°C] *LOW TEMPERATURE versions only (PFG.../B)*
Process temperature	–20 < Tp < +200 [°C]
Pressure range	+0,8 ... +1,1 bar [abs]
	+0,8 ... +5 bar [abs] *(non ATEX versions)*
Directives	2011/65/EU (RoHS)
	2014/30/EU (EMC)
	2014/34/EU (ATEX)
	2014/35/EU (LVD)
ATEX Marking	Ex II 1/2 D Ex ta/tb IIIC T85°C IP65 Da/Db
	Ex II 3 D Ex tc IIIB T85°C Dc (Lamp version)
IECEx Marking	Ex ta/tb IIIC T200°C Da/Db

Ø140
Ø120
4x Ø7

103
118
(15)

(347)
197
M20x1,5

3
Ø45

105
(150)

AC3INOX
density > 0,3kg/dm3

100

PFG57AT/F

MAX. 5A / 250V — ~ 115 / 230 V (AC)

NO	COM	NC	230	115	[N]	PE
6	5	4	3	2	1	1	⏚
SIGNAL			POWER SUPPLY			

MAX. 5A / 250V — ~ 24/ 48 V (AC)

NO	COM	NC	48	24	[N]	PE
6	5	4	3	2	1	1	⏚
SIGNAL			POWER SUPPLY			

MAX. 5A / 250V — === 24 V (DC)

NO	COM	NC	not used	± 24	± 24	PE
6	5	4	3	2	1	1	⏚
SIGNAL			POWER SUPPLY			

Terminals : male FASTON (.250 series / 6,3x0,8 mm)

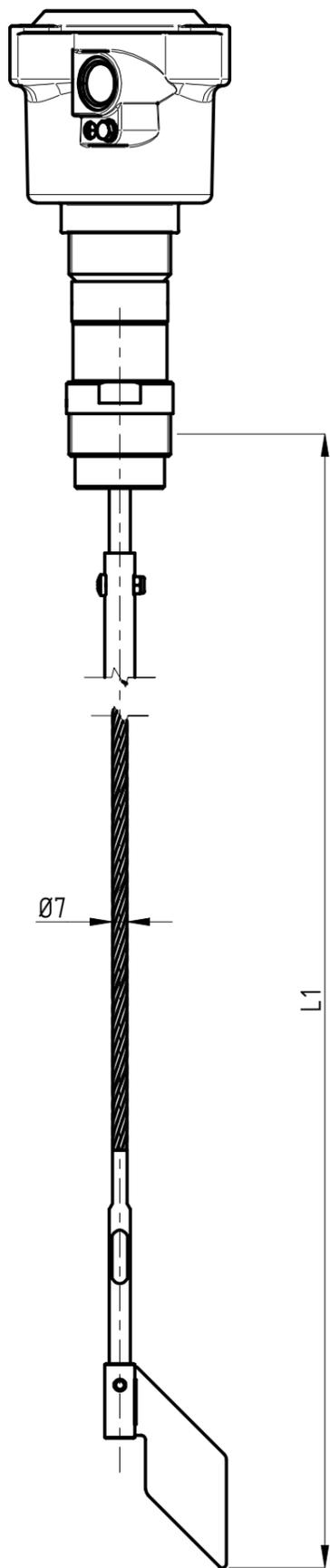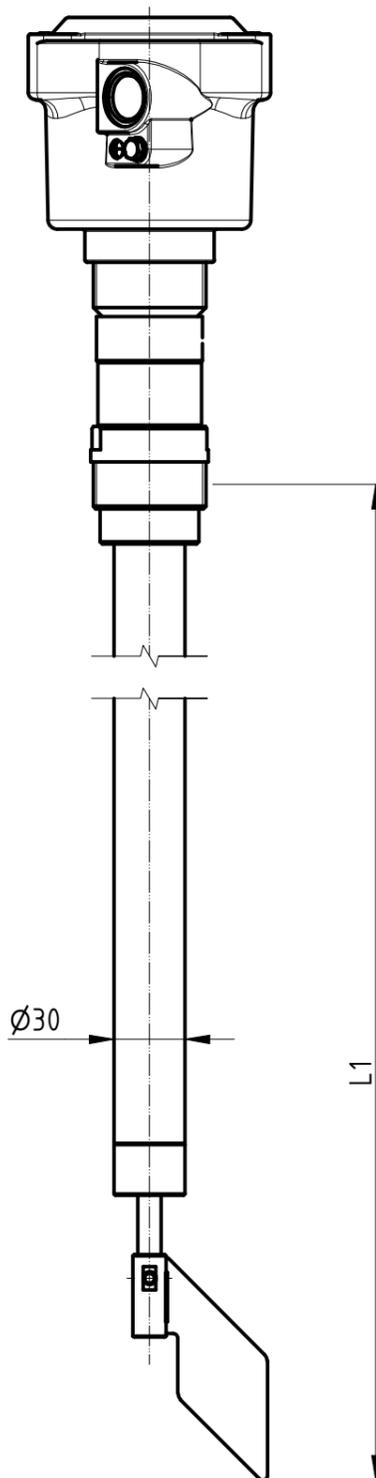|	
Model	PFG57AT/F
Weight	1,4 [kg]
Power supply	– Bivoltage 115/230[V] (50...60Hz) – 4[W]
	– Bivoltage 24/48[V] (50...60Hz) – 4[W]
	– DC 24[V] ±15% – 4[W]
Signal	SPDT / max. 5[A]-250VAC
IP grade	IP65
Housing	Aluminium (powder coated)
Connection	Flange – AISI304
Ambient temperature	–20 < Ta < +70 [°C]
	–40 < Ta < +70 [°C] *LOW TEMPERATURE versions only (PFG.../B)*
Process temperature	–20 < Tp < +200 [°C]
Pressure range	+0,8 ... +1,1 bar [abs]
	+0,8 ... +5 bar [abs] *(non ATEX versions)*
Directives	2011/65/EU (RoHS)
	2014/30/EU (EMC)
	2014/34/EU (ATEX)
	2014/35/EU (LVD)
ATEX Marking	Ex II 1/2 D Ex ta/tb IIIC T85°C IP65 Da/Db
	Ex II 3 D Ex tc IIIB T85°C Dc (Lamp version)
IECEx Marking	Ex ta/tb IIIC T200°C Da/Db

EXTENSIONS

## Flexible extension
PF : galvanized steel

L1 [mm]
500
600
700
800
900
1000
1200
1500
2000
2500
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000
other lengths available on request, up to 12m

Ø7

L1

Extension with external protection
PA : stainless steel

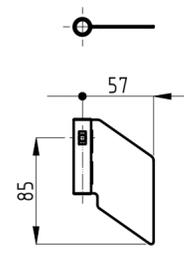| L1 [mm] |
|---|
| 250 |
| 300 |
| 350 |
| 400 |
| 450 |
| 500 |
| 550 |
| 600 |
| 650 |
| 700 |
| 750 |
| 800 |
| 850 |
| 900 |
| 950 |
| 1000 |
| 1050 |
| 1100 |
| 1150 |
| 1200 |
| 1250 |
| 1300 |
| 1350 |
| 1400 |
| 1450 |
| 1500 |
| other lengths available on request, up to 1,5m |

Ø30

L1

NOTE : lenghts may slightly differ from the tables according to the type of connection, model type and paddle chosen
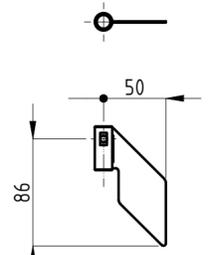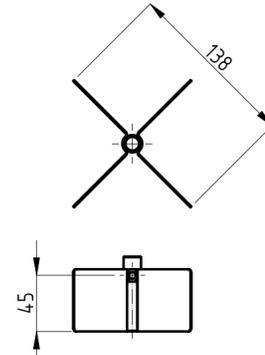
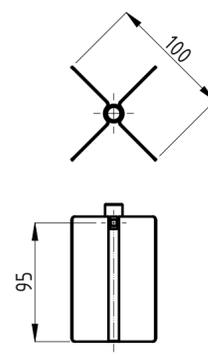**AC1 INOX**
AISI 304
density > 1.0 kg/dm3
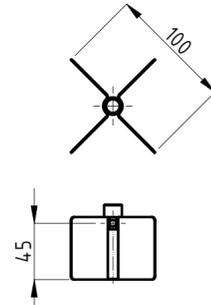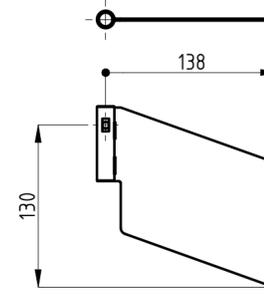
AC3 INOX
AISI 304
density > 0.3 kg/dm3

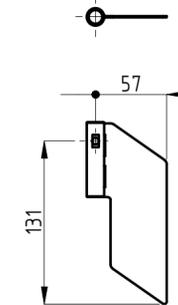**AC4 INOX**
AISI 304
density > 0.5 kg/dm3

AC5 INOX
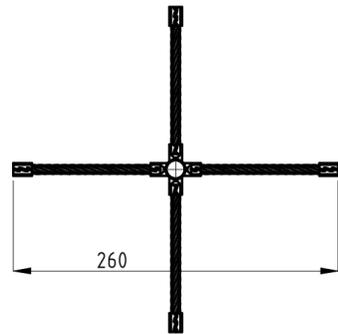AISI 304
density > 0.2 kg/dm3
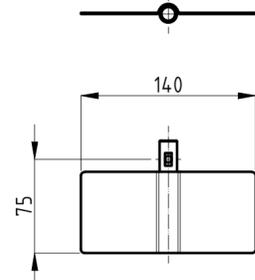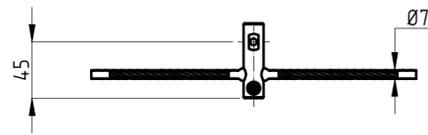
AC5L INOX
AISI 304
density > 0.2 kg/dm3
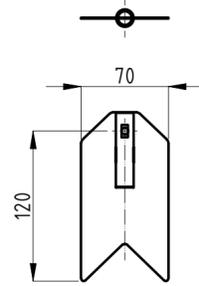
AC6 INOX
AISI 304
density > 0.1 kg/dm3
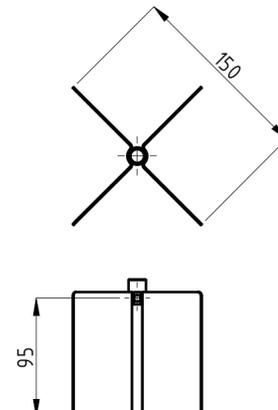
AC7 INOX
AISI 304
density > 0.3 kg/dm3

AC8
galvanized steel (wires)
density > 2.0 kg/dm3

AC9 INOX
AISI 304
density > 0.2 kg/dm3

AC10 INOX
AISI 304
density > 0.6 kg/dm3

AC11 INOX
AISI 304
density > 0.1 kg/dm3

AC12 INOX
AISI 304
density > 0.4 kg/dm3
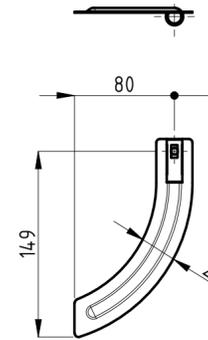
AC14 INOX
AISI 304
density > 0.4 kg/dm3

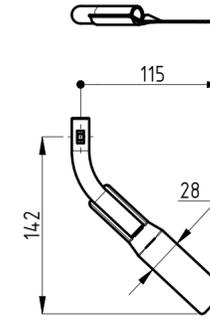**AC15 INOX**
AISI 304
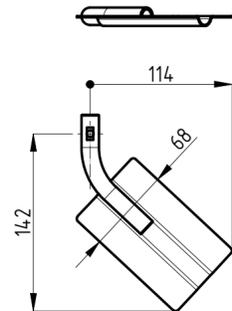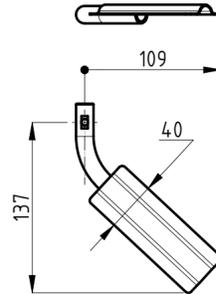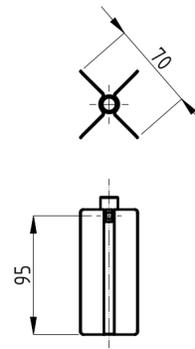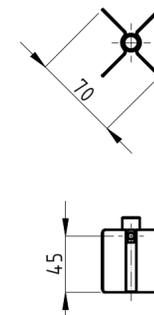density > 0.2 kg/dm3

AC16 INOX
AISI 304
density > 0.3 kg/dm3

AC17 INOX
AISI 304
density > 0.4 kg/dm3

AC18 INOX
AISI 304
density > 0.7 kg/dm3

SIGNAL LAMP (PFG57.../L)

Adds a LED lamp on top. The lamp could be
connected to NC contact (MIN level – empty), or NO
contact (MAX level – full).

Must define a single   24[V]
 power supply voltage: 48[V]
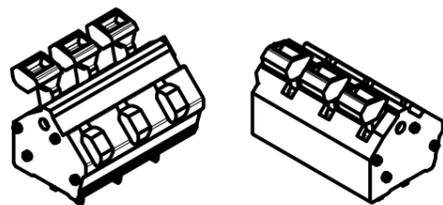   115[V]
                        230[V]

NOTE
Model with lamp can be installed only in Atex zone 22
Marking: Ex II 3 D Ex tc IIIB T85°C Dc

Ø60
35

4rpm GEARMOTOR (4R)

Increase paddle speed (4 rpm) to reduce product
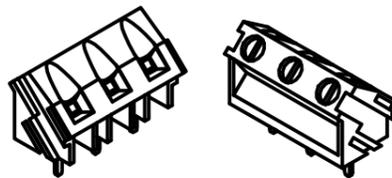detection delay time (response time ~ 1,5s)

SPRING TERMINAL BLOCK

Terminals with spring terminal design.
No tool needed for wires connection.
0,13 – 2,5mm2 (AWG26 – AWG14)

SCREW TERMINAL BLOCK

Terminals with screw terminal design
(flat head)
0,05 – 2,5mm2 (AWG30 – AWG12)

LOW TEMPERATURE (PFG57.../B)

Extends the range of use of the indicator down to a
minimum temperature of –40 ° C
Intelligent automatic operation: when the
temperature exceeds + 20 ° C it stops heating
(heating OFF), it is reactivated when the
temperature falls again below + 20 ° C (heating ON)

Must define a single   24[V]
power supply voltage: 48[V]
                        115[V]
                        230[V]

MAX. 5A / 250V   ~ 24/ 48 V (AC)

NO	COM	NC	48	24	[N]	PE
6	5	4	3	2	1	1
SIGNAL			POWER SUPPLY			

e.g   48V Heater
T > 20°C / P = 0.5W
T < 20°C / P = 6.5W