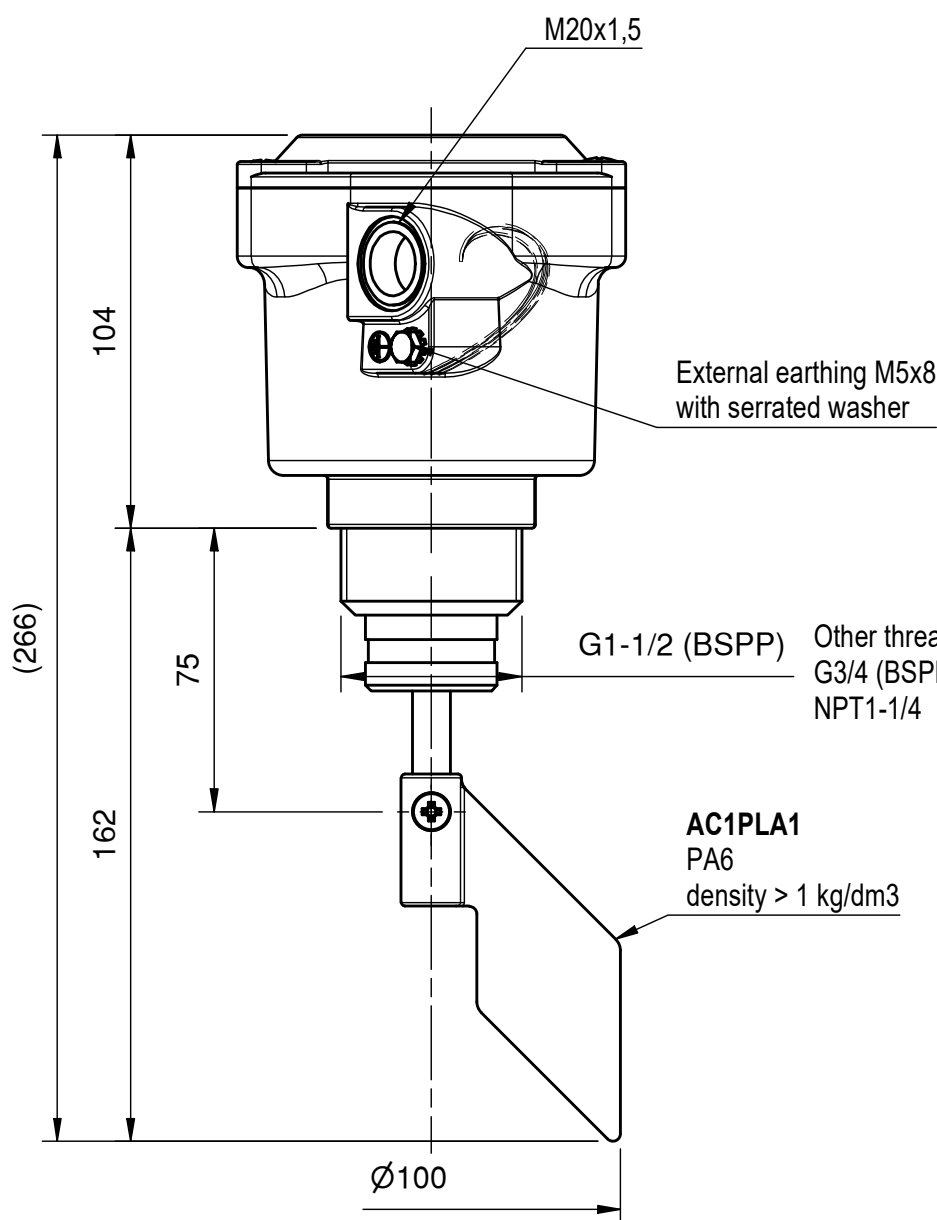
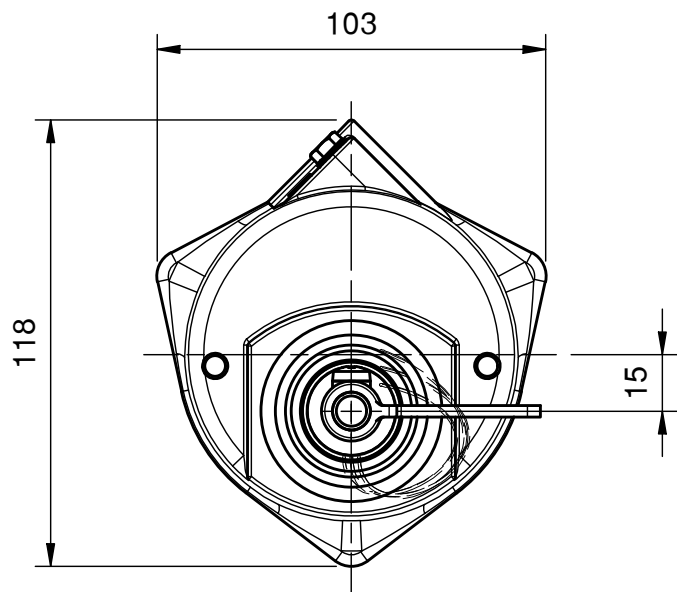
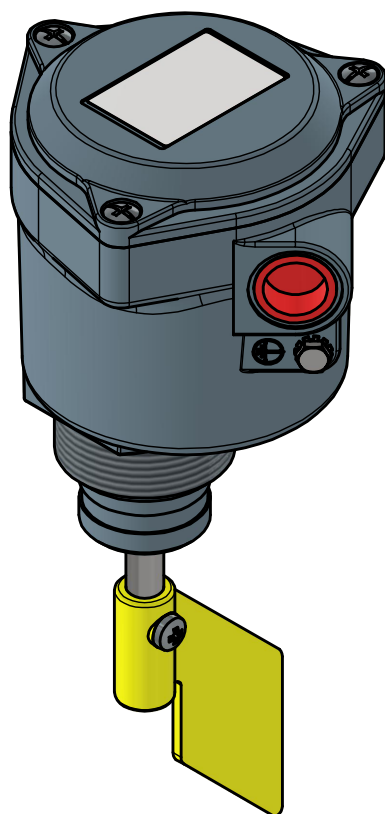




PFG57



MAX
0,1A / 250 V AC
0,1A / 24V DC

115 / 230 V AC

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

MAX
0,1A / 250 V AC
0,1A / 24V DC

24 / 48 V AC

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

MAX
0,1A / 250 V AC
0,1A / 24V DC

24 V DC

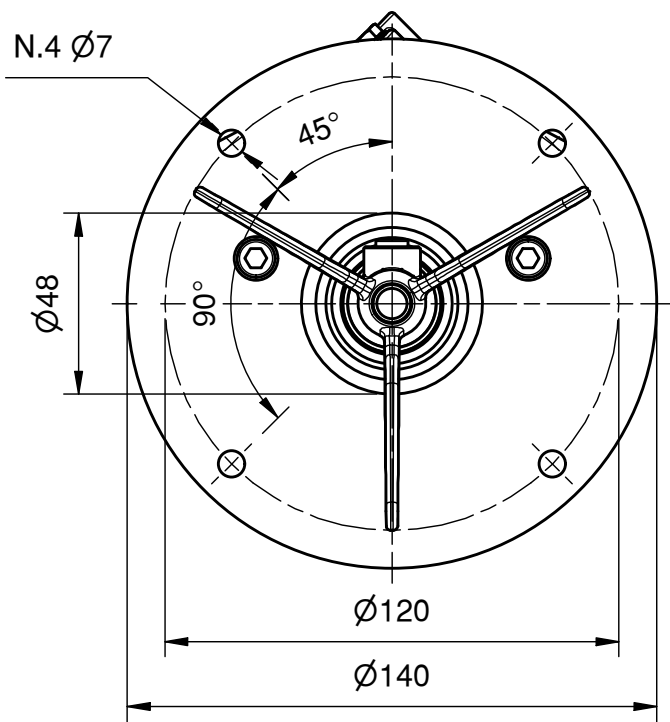
NO	COM	NC	-	±24	±24		PE
6	5	4	3	2	1	1	
SIGNAL 1			POWER SUPPLY				

TERMINALS: male FASTON (.250 series / 6,3x0,8 mm)
see OPTIONS for more

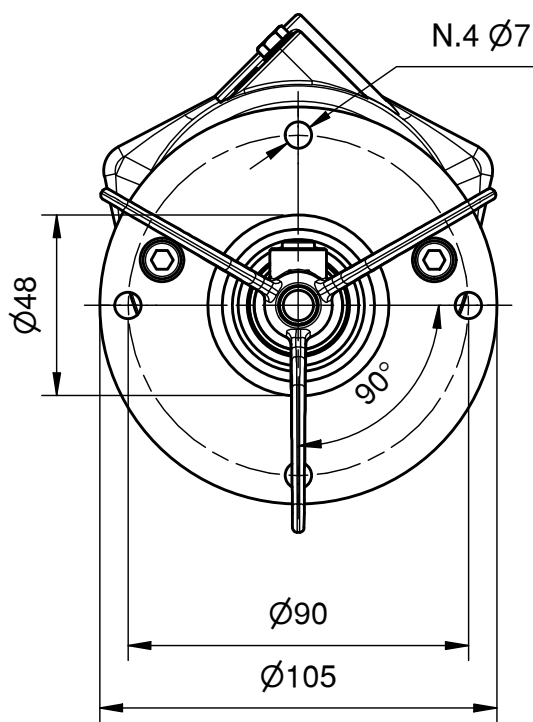
Model	PFG57
Weight	0.9 [kg]
Power supply	- Bivoltage 115/230[V] (50...60Hz) - Bivoltage 24/48[V] (50...60Hz) - DC 24[V]
Consumption	4 [W] max
Signal	SPDT / max. 0,1[A]-250VAC / 0,1[A]-24VDC
IP grade	IP65
Housing	Aluminium (powder coated)
Connection	G 1" 1/2 - Aluminium
Ambient temperature	-20 < Ta < +70 [°C] -40 < Ta < +70 [°C] LOW TEMPERATURE VERSION ONLY
Process temperature	-20 < Tp < +70 [°C]
Pressure range	+0,8 ... +1,1 bar [abs] +0.8 ... +5 bar [abs] (non-ATEX version)
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 T85°C Da/Db

02	29/05/26	Agg. generale + portata contatti	0017/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602 0006 00		DESCRIZIONE - Description SCHEMA TECNICA PFG57		
DISEGNATO Drawn by Colli S.		SCALA Scale 1 : 2		
DATA Date 25/07/25		FORMATO Format A3		
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet 1 Of 5		
FILE CAD Cad File 0602_0006_00-02.idw		MASSA Mass 0,88 kg		
Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		REV. 02		

d.140 Flange



d.105 Flange



MAX
0,1A / 250 V AC
0,1A / 24V DC

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

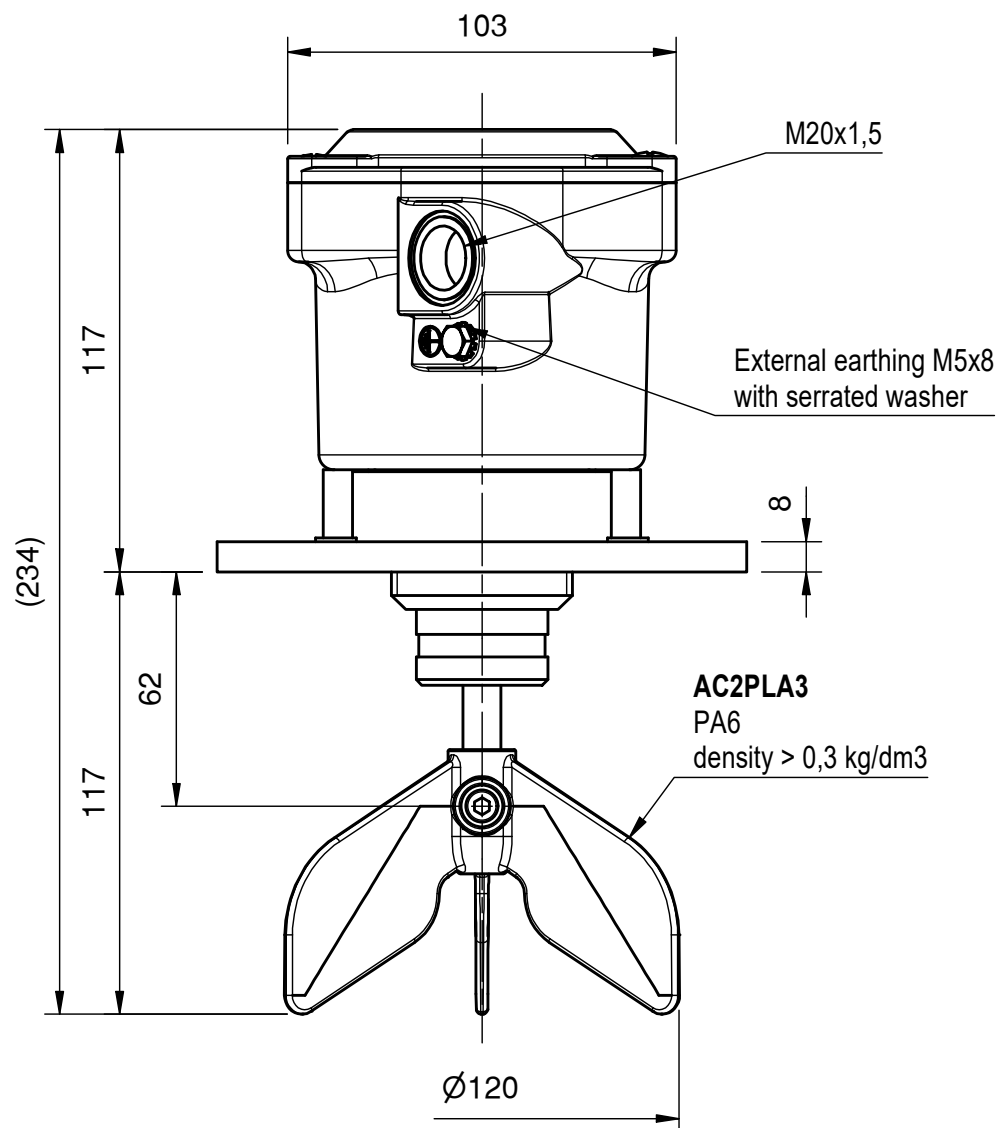
MAX
0,1A / 250 V AC
0,1A / 24V DC

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

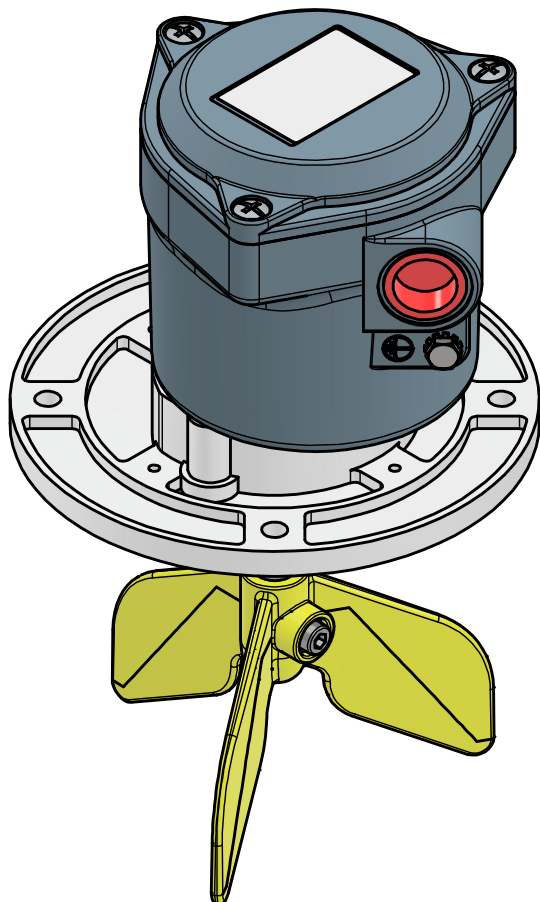
MAX
0,1A / 250 V AC
0,1A / 24V DC

			24 V DC				
NO	COM	NC	-	±24	±24		PE
6	5	4	3	2	1	1	
SIGNAL 1			POWER SUPPLY				

TERMINALS: male FASTON (.250 series / 6,3x0,8 mm)
see OPTIONS for more



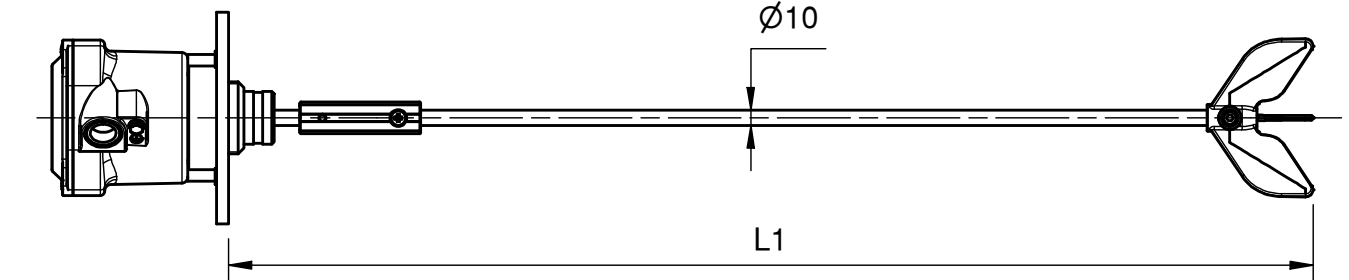
PFG05 F



Model	PFG57 F				
Weight	1.1 [kg]				
Power supply	- Bivoltage 115/230[V] (50...60Hz) - Bivoltage 24/48[V] (50...60Hz) - DC 24[V]				
Consumption	4 [W] max				
Signal	SPDT / max. 0,1[A]-250VAC / 0,1[A]-24VDC				
IP grade	IP65				
Housing	Aluminium (powder coated)				
Connection	Flange - Aluminium				
Ambient temperature	-20 < Ta < +70 [°C] -40 < Ta < +70 [°C] LOW TEMPERATURE VERSION ONLY				
Process temperature	-20 < Tp < +70 [°C]				
Pressure range	+0,8 ... +1,1 bar [abs] +0.8 ... +5 bar [abs] (non-ATEX version)				
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 T85°C Da/Db				
02	29/05/26	Agg. generale + portata contatti	0017/26	Salati A.	
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change		ID	DIS./VER. - Drawn/Checked
CODICE - Code		DESCRIZIONE - Description			
0602_0006_00		SCHEDA TECNICA PFG57			
 Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it Tel. 0522 942641		DISEGNATO Drawn by Colli S.		SCALA Scale	1 : 2
		DATA Date 25/07/25		FORMATO Format	A3
		LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet	2 DI Of 5
		FILE CAD Cad File 0602_0006_00-02.idw		MASSA Mass	1.16 kg

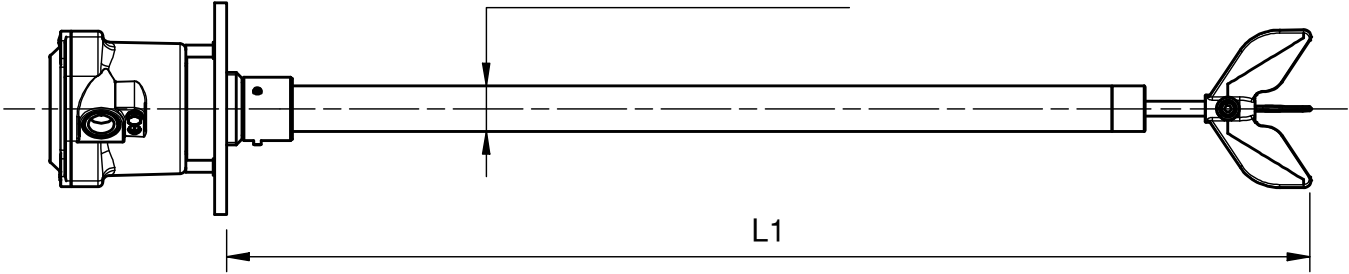
EXTENSIONS

Extension w/o protection
PSP : galvanized steel
PSPX : stainless steel

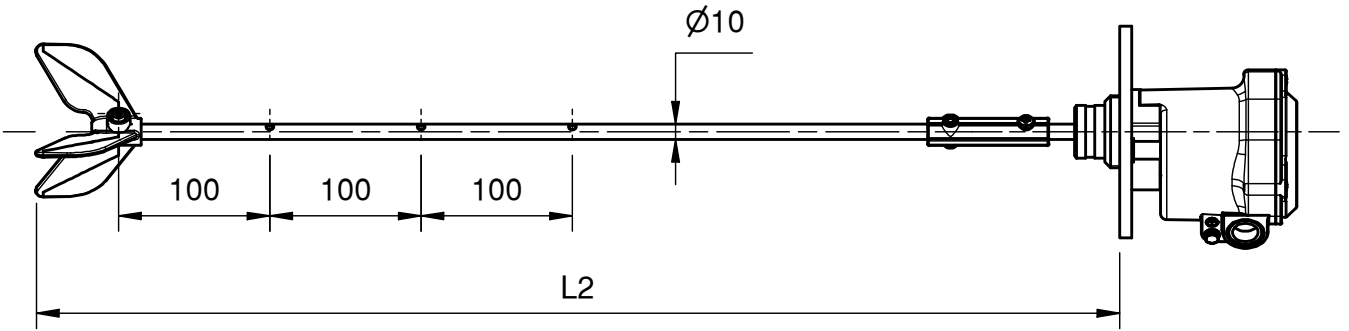


Ø32: galvanized steel
Ø30: stainless steel

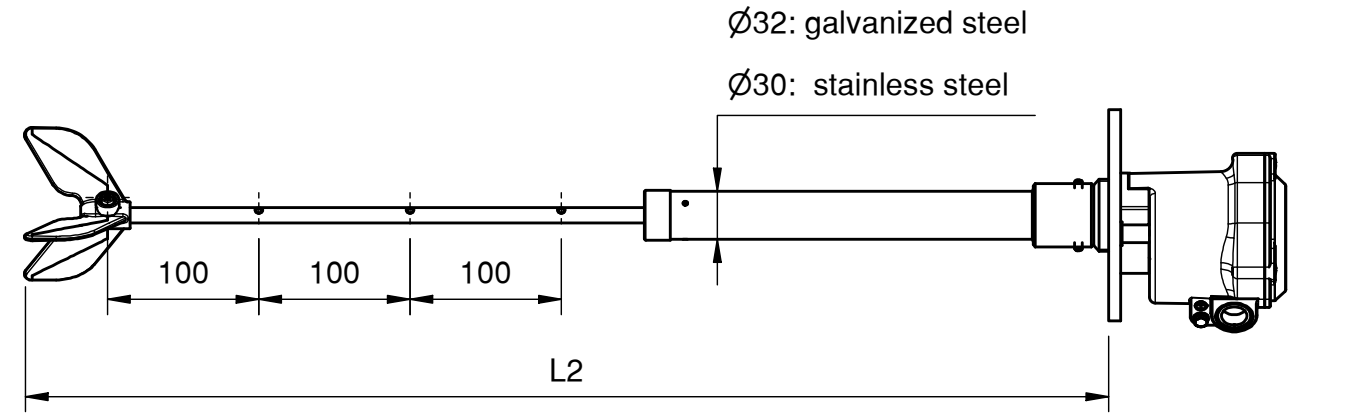
Extension with external protection
PCP : galvanized steel
PCPX : stainless steel



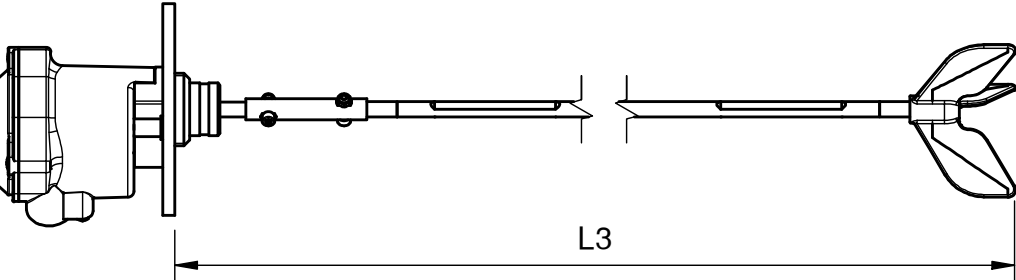
L1 [mm]
200
300
400
500
600
700
800
900
1100
1400
1700
1900
2400
2900
other lengths available on request, up to 3m



Adjustable xtension
w/o protection
PRS : galvanized steel
PRSX : stainless steel



Extension with external protection
PRP : galvanized steel
PRPX : stainless steel



Flexible extension
PF : galvanized steel

L3 [mm]
500
600
700
800
900
1000
1200
1500
1800
2000
2500
3000
4000

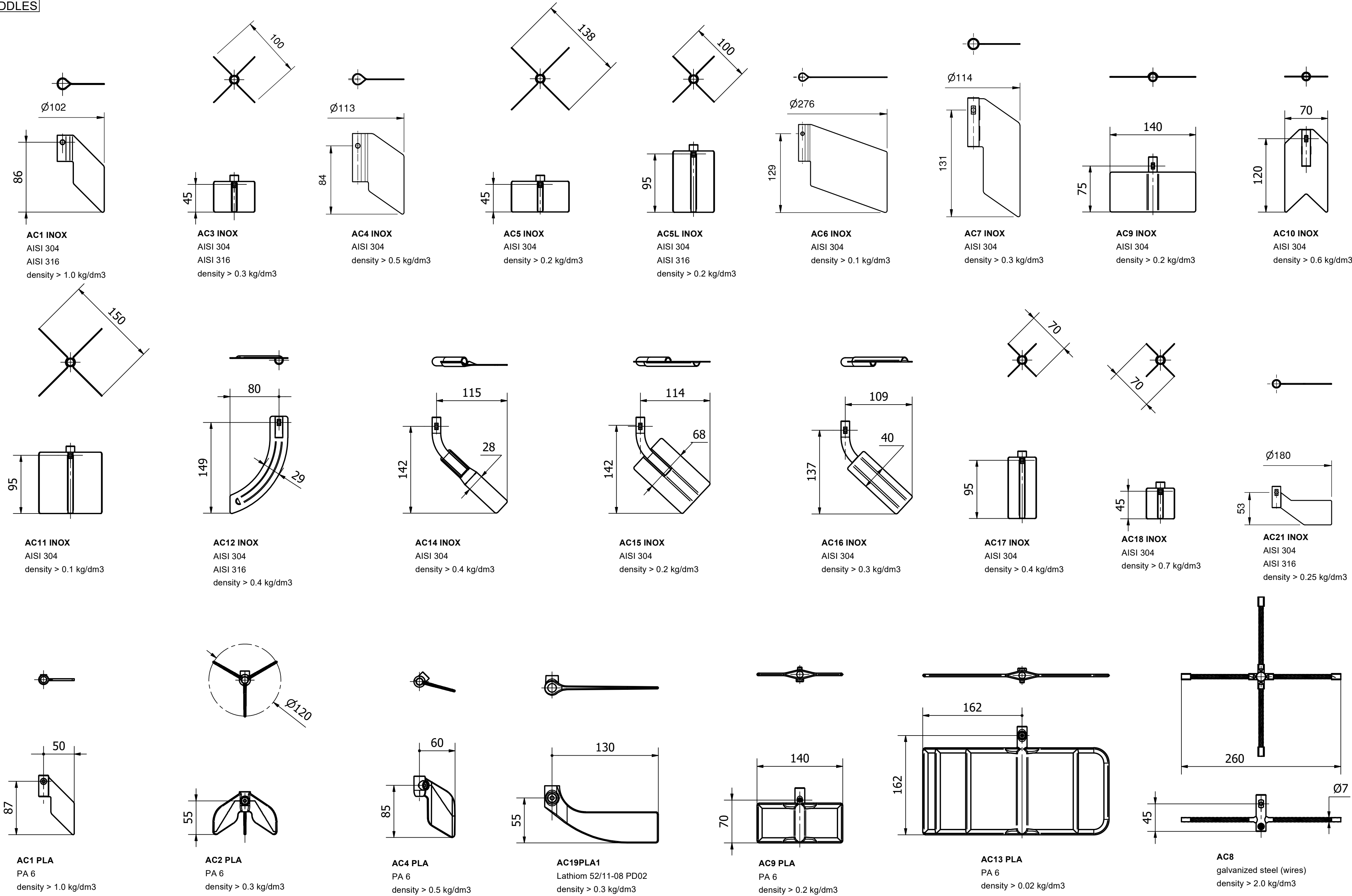
L3 [mm]
5000
6000
7000
8000
9000
10000
11000
12000
other lengths available on request, up to 3m

NOTE : lengths may slightly differ from the tables according to the type of connection, model and paddle chosen

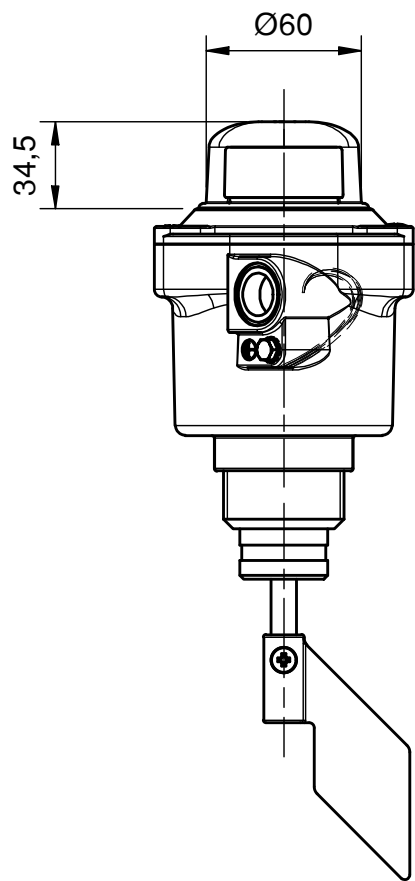
02	29/05/26	Agg. generale + portata contatti	0017/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602 0006 00		DESCRIZIONE - Description SCHEDA TECNICA PFG57		
DISEGNATO Drawn by Colli S.		SCALA Scale 1 : 5		
DATA Date 25/07/25		FORMATO Format A3		
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet 3 DI Of 5		
FILE CAD Cad File 0602_0006_00-02.idw		MASSA Mass 1.54 kg		
Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		REV. 02		

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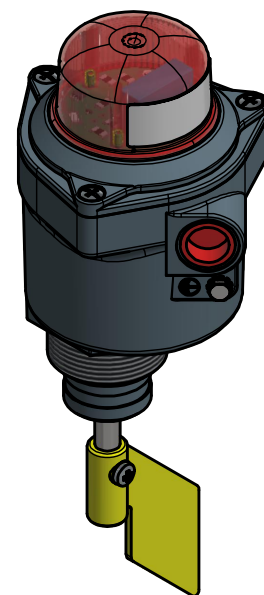
PADDLES



02	29/05/26	Agg. generale + portata contatti	0017/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602_0006_00		DESCRIZIONE - Description SCHEDA TECNICA PFG57		
DISEGNATO Drawn by Colli S.		SCALA Scale 1:3		
DATA Date 25/07/25		FORMATO Format A2		
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet 4		
FILE CAD Cadd File 0602_0006_00-02.idw		MASSA Mass 0,03		
Via dell'Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		Tel. 0522 942641		
IL DISEGNO E' DI PROPRIETA' DI CAMLogic Srl CONTIENE INFORMAZIONI RISERVATE CHE NON POSSONO ESSERE COPiate O COMUNICATE A TERZI SENZA AUTORIZZAZIONE This drawing is CAMLogic Srl property and contains confidential information that may not be copied or disclosed to third parties without permission		REV. 02		



PFG57 L



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 power supply voltage:

- 24 [V] AC/DC
- 48 [V] AC
- 115[V] AC
- 230[V] AC

NOTE

Model with lamp can be installed only in Atex zone 22

Marking: Ex II 3 D Ex tc IIB T85°C Dc

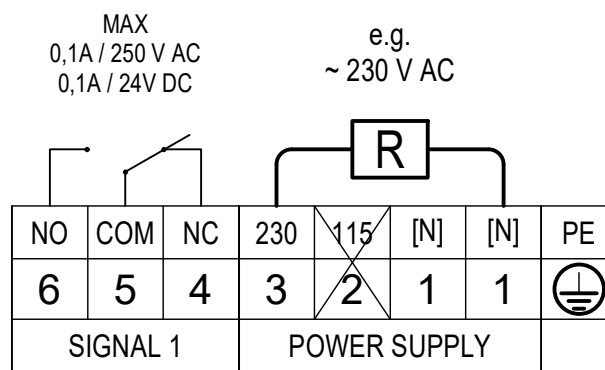
LOW TEMPERATURE (PFG05.../B)

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 power supply voltage:

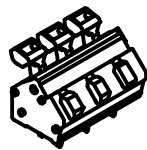
- 24 [V] AC/DC
- 48 [V] AC
- 115[V] AC
- 230[V] AC (see example)



Heater rate:
Ta > 20°C / P = 0,5 W - OFF
Ta < 20°C / P = 6,5 W - ON

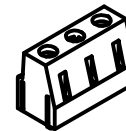
SPRING TERMINAL BLOCK

Terminals with spring terminal design.
No tool needed for wires connection.
0.13 - 2.5 mm² (AWG26 - AWG14)



SCREW TERMINAL BLOCK

Terminals with screw terminal design
(flat head).
0.05 - 2.5 mm² (AWG30 - AWG12)

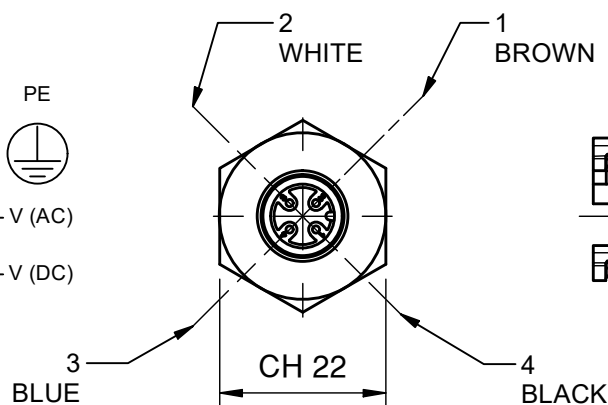
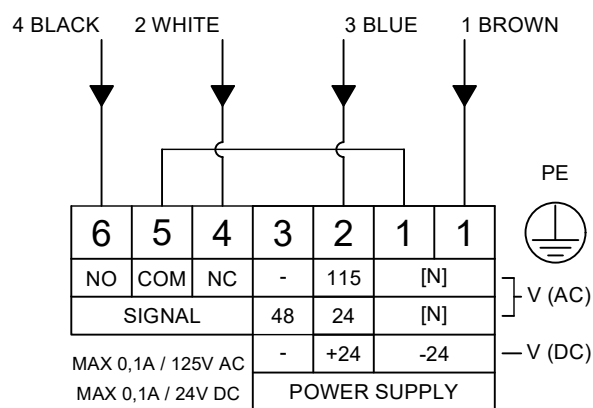


M12 CIRCULAR CONNECTOR

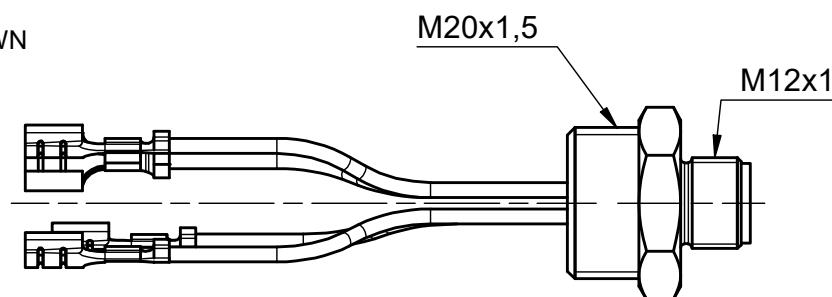
Through a M20x1,5 threaded reduction mounted in one of the cable entries of the level indicato, it is possible to use the 4/5 poles M12 connector for a quick and reliable connection. Available only for 24 V power supply (DC), maximum contacts capacity 4A.

4rpm GEARMOTOR

Increase paddle speed (4rpm)
to reduce product detection
delay time (response time
about 1.5s)



M12-4P



02	29/05/26	Agg. generale + portata contatti	0017/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code		DESCRIZIONE - Description		
0602 0006 00		SCHEDA TECNICA PFG57		
DISEGNATO		Colli S.	SCALA	1 : 3
Drawn by			Scale	
DATA		25/07/25	FORMATO	A3
Date			Format	
LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE			FOGLIO	5
All dimension are in mm unless otherwise indication			Sheet	Of 5
FILE CAD		0602_0006_00-02.idw	MASSA	1.16
Cad File			Mass	kg
				REV. 02