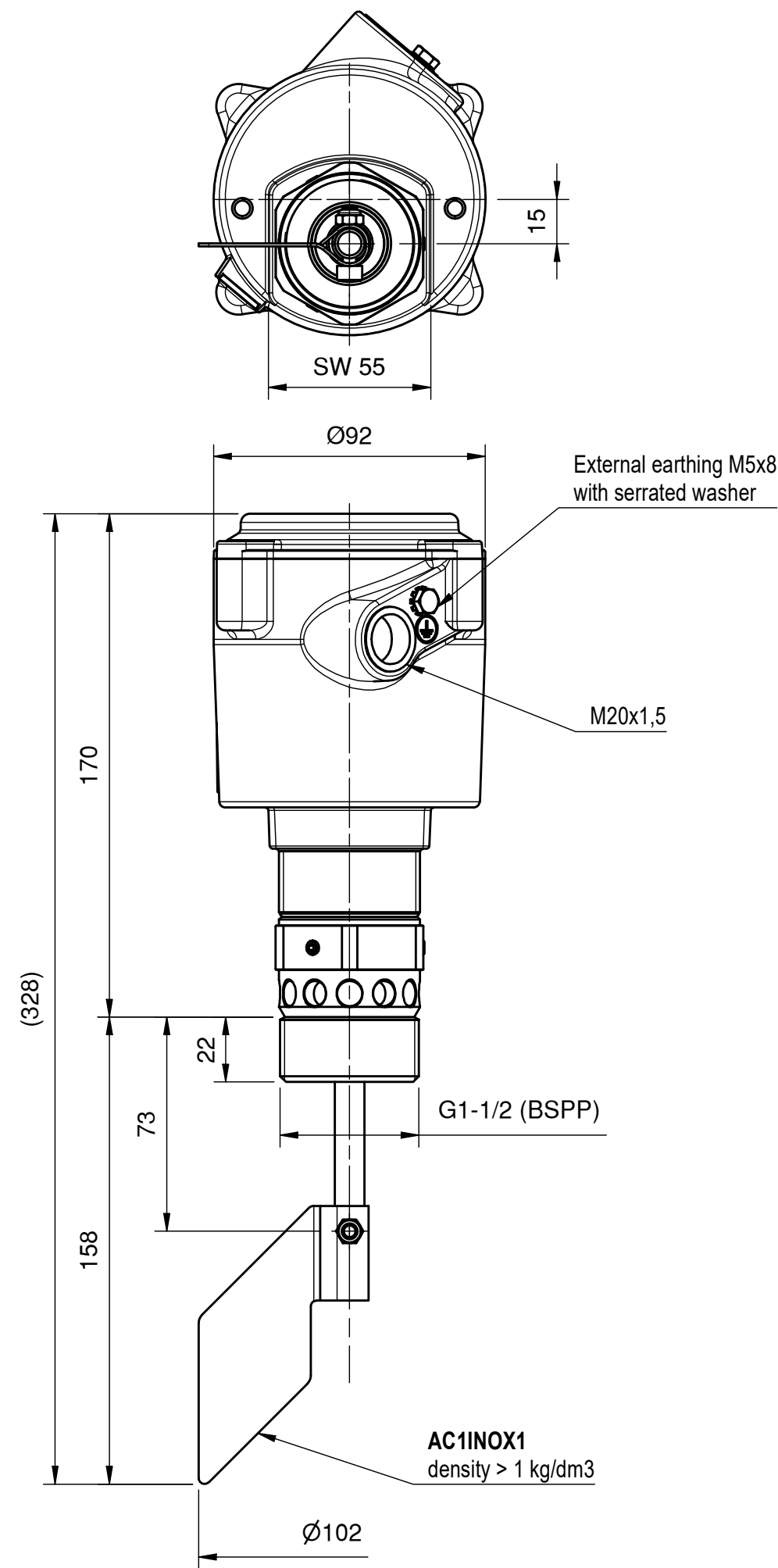
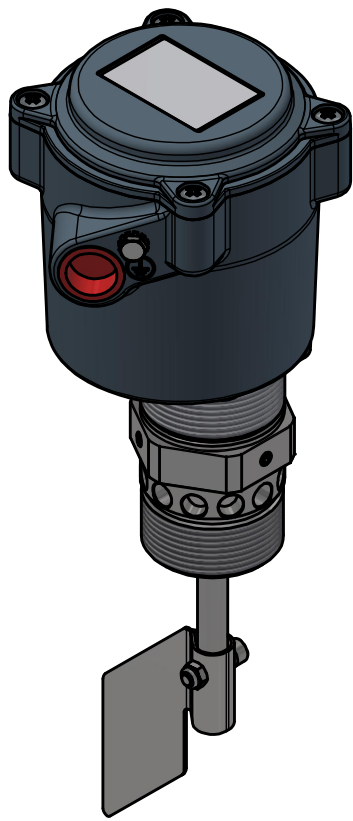




PFG09Z



MAX
5A / 250 V AC

115 / 230 V AC

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

MAX
5A / 250 V AC

24 / 48 V AC

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

MAX
5A / 250 V AC

24 V DC

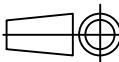
NO	COM	NC	-	±24	±24		PE
6	5	4	3	2	1	1	
SIGNAL 1			POWER SUPPLY				

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

Model		PFG09Z	
Weight		1.6 [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. 5[A]-250VAC	
IP grade		IP65	
Housing		Aluminium (powder coated)	
Connection		G 1" 1/2 - AISI304	
Ambient temperature		-20 < Ta < +70 [°C]	
Process temperature		-20 < Tp < +70 [°C]	
Pressure range		+0,8 ... +1,1 bar [abs]	
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 1/2 G Ex d IIB T6 Ga/Gb	

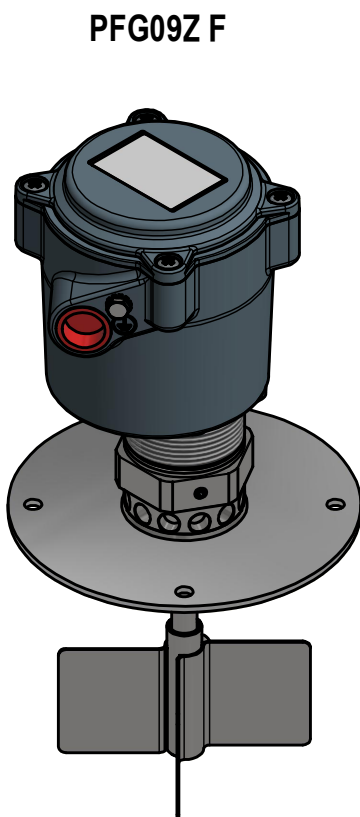
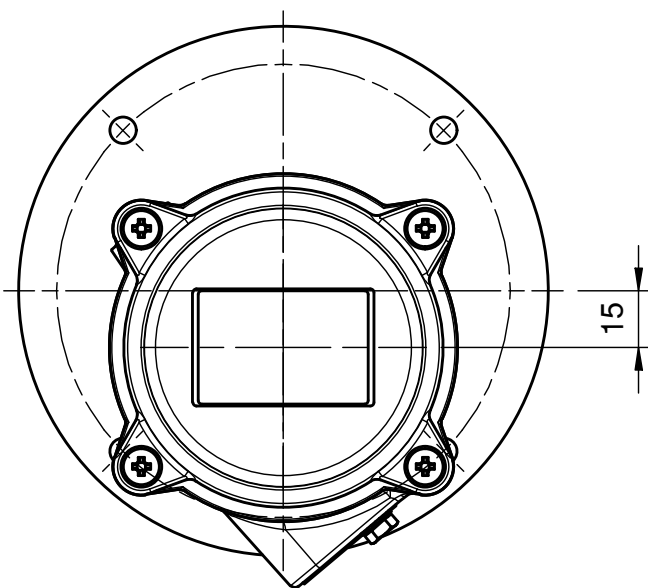
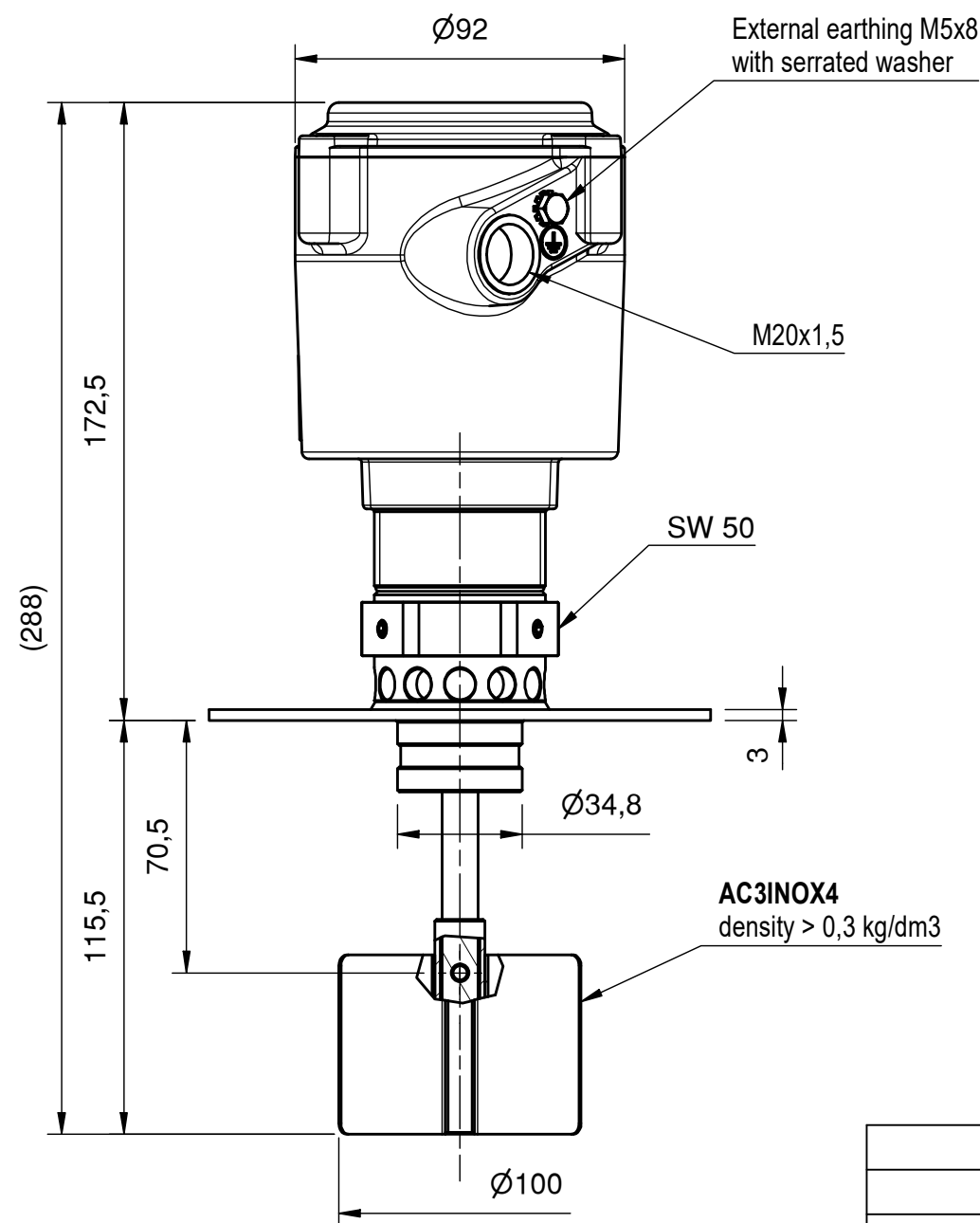
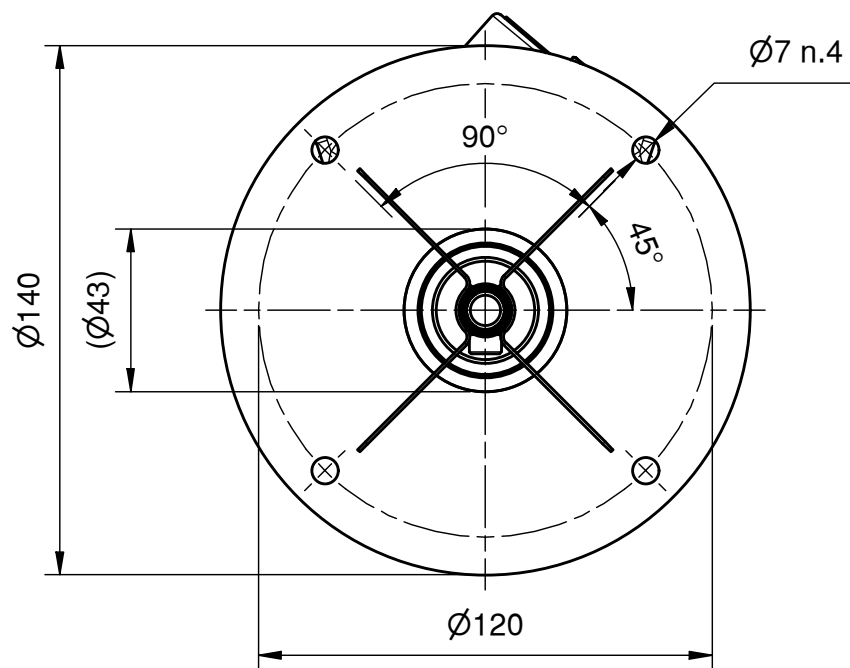
01	09/09/26	Aggiornato portata contatti e aggiornamento generale	0046/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked

CODICE - Code		DESCRIZIONE - Description	
0602_0011_00		SCHEDA TECNICA PFG09Z	

		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		DI Of 5	REV. 01
FILE CAD Cad File		0602_0011_00-01.idw		MASSA Mass 1,56		kg	

Via dell' Industria, 12
42025 Cavriago (RE) - Italy
www.camlogic.it

Tel. 0522 942641



MAX
5A / 250 V AC

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

MAX
5A / 250 V AC

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

MAX
5A / 250 V AC

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

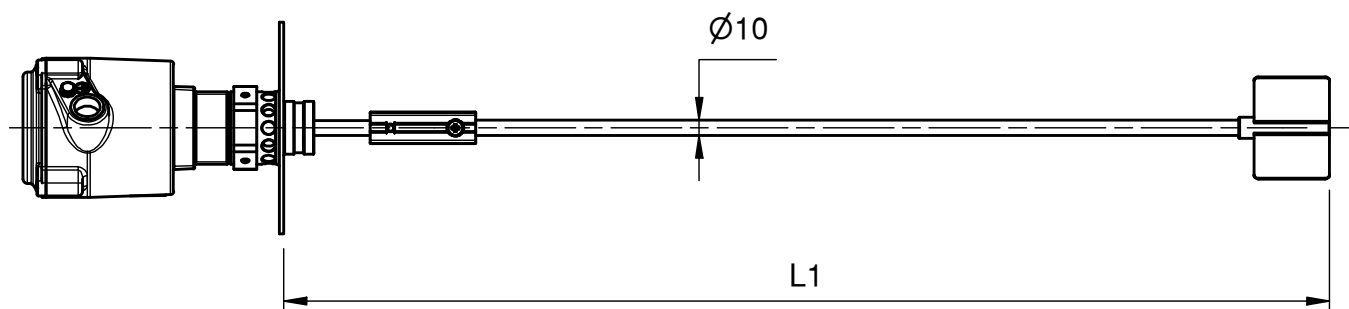
TERMINALS: male FASTON (.250 series / 6,3x0,8 mm)
see OPTIONS for more

Model	PFG09Z F						
Weight	1.8 [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. 5[A]-250VAC						
IP grade	IP65						
Housing	Aluminium (powder coated)						
Connection	Flange - AISI304						
Ambient temperature	-20 < Ta < +70 [°C]						
Process temperature	-20 < Tp < +70 [°C]						
Pressure range	+0,8 ... +1,1 bar [abs]						
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 1/2 G Ex d IIB T6 Ga/Gb						

01	09/09/26	Aggiornato portata contatti e aggiornamento generale			0046/26	Salati A.							
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change			ID	DIS./VER. - Drawn/Checked							
CODICE - Code		DESCRIZIONE - Description											
0602_0011_00		SCHEMA TECNICA PFG09Z											
CAMLogic® 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 5		
		FILE CAD Cad File		0602_0011_00-01.idw				MASSA Mass		1.81		kg	
												REV 01	

EXTENSIONS

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



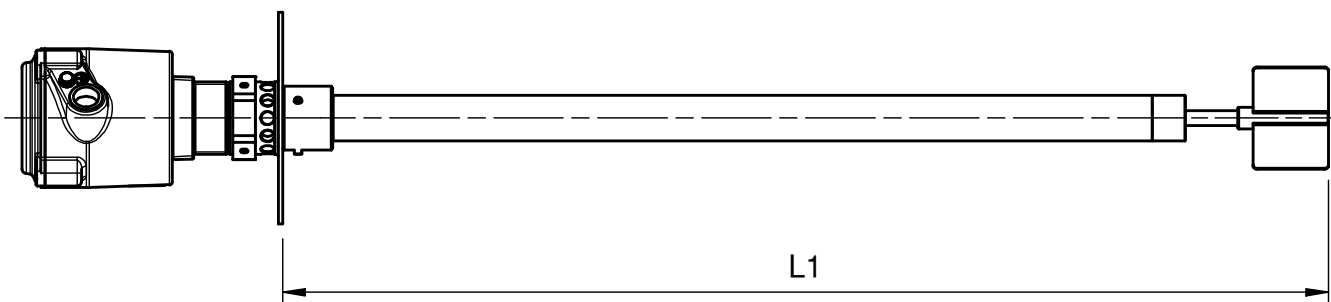
L1

Ø10

L2 [mm]

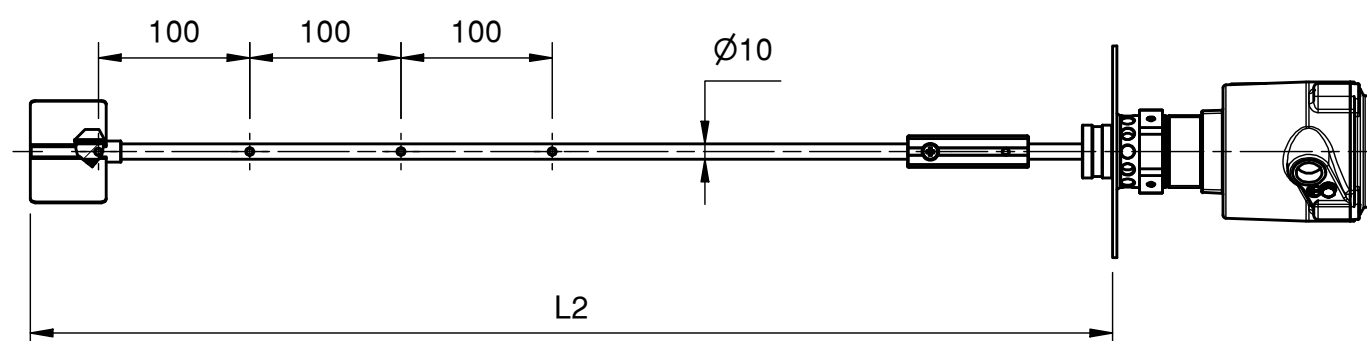
L2 [mm]
500
600
700
800
900
1100
1400
1700
1900
2400
2900
other lengths available on request, up to 3m

Extension with
external protection
: stainless steel



L1

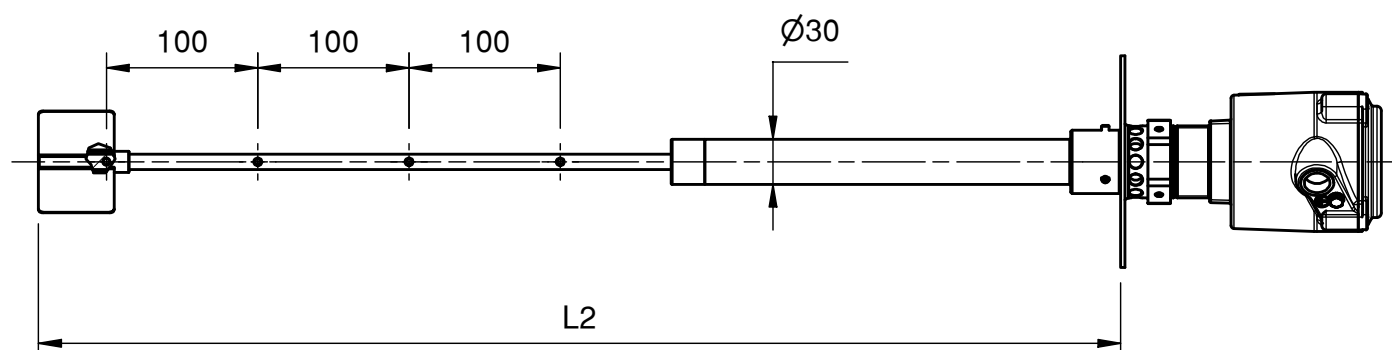
other lengths available on request, up to 3m



L2

Ø10

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

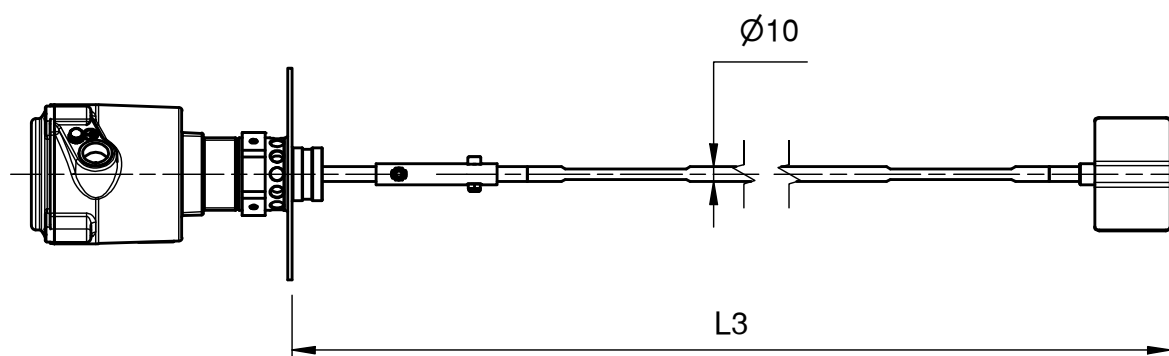


L2

Ø30

Extension with
external protection
PRPX : stainless steel

Flexible extension
PF : galvanized steel



L3

Ø10

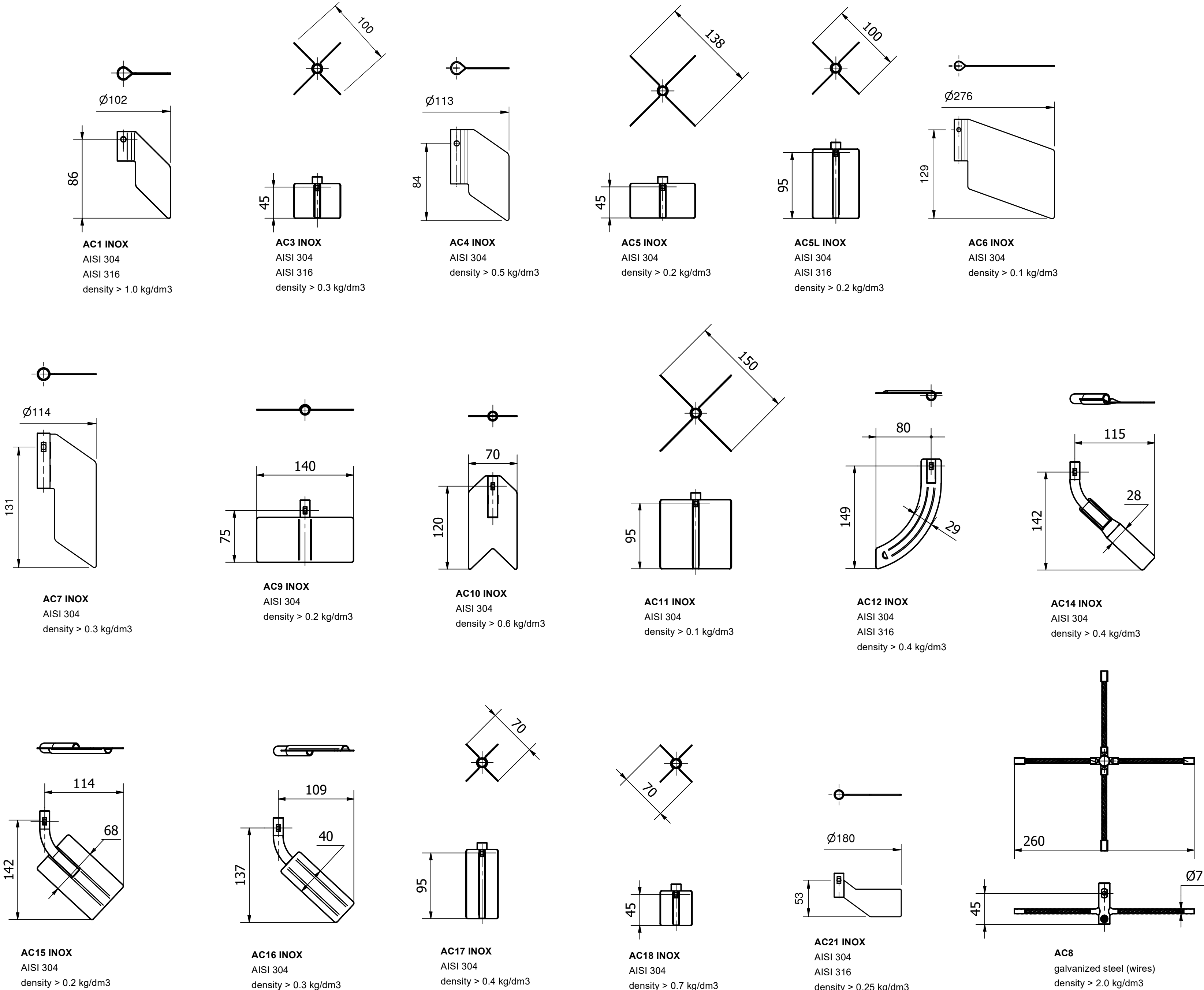
L3 [mm]
500
600
700
800
900
1000
1200
1500
1800
2000
2500
3000
4000

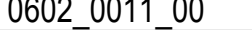
L3 [mm]
5000
6000
7000
8000
9000
10000
11000
12000
other lengths available on request, up to 3m

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

01	09/09/26	Aggiornato portata contatti e aggiornamento generale		0046/26	Salati A.	
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change			ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602_0011_00			DESCRIZIONE - Description SCHEDA TECNICA PFG09Z			
CAMLogic® Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it Tel. 0522 942641			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
FILE CAD Cad.File 0602_0011_00-01.idw			MASSA Mass 2.19		kg	

PADDLES

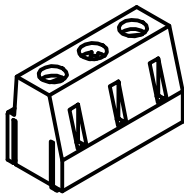


01	09/09/26	Aggiornato portata contatti e aggiornamento generale		0046/26	Salati A.	
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change			ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602_0011_00		DESCRIZIONE - Description SCHEDA TECNICA PFG09Z				
		DISEGNATO Drawn by Colli S.		SCALA Scale 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 DI 5		
Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		Tel. 0522 942641		MASSA Mass 0,03 kg		
		FILE CAD Cad File 0602_0011_00-01.idw		REV. 01		

OPTIONS

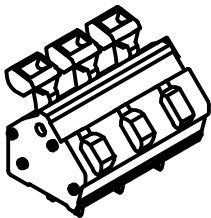
SCREW TERMINAL BLOCK

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



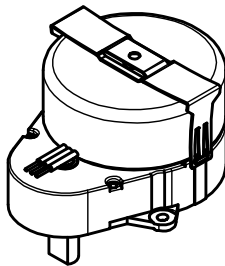
SPRING TERMINAL BLOCK

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



4rpm GEARMOTOR

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



01	09/09/26	Aggiornato portata contatti e aggiornamento generale	0046/26	Salati A.
REV.	DATA - Date	DESCRIZIONE MODIFICA - Description of the change	ID	DIS./VER. - Drawn/Checked
CODICE - Code 0602_0011_00		DESCRIZIONE - Description SCHEMA TECNICA PFG09Z		
 Via dell' Industria, 12 42025 Cavriago (RE) - Italy www.camlogic.it		DISEGNATO Drawn by Colli S.	SCALA Scale 1:1	
		DATA Date 25/07/25	FORMATO Format A4	
		LE DIMENSIONI SONO ESPRESSE IN mm SALVO DIVERSA INDICAZIONE All dimension are in mm unless otherwise indication		FOGLIO Sheet 5 DI Of 5
		FILE CAD Cad File 0602_0011_00-01.idw	MASSA Mass 0,01 kg	REV. 01