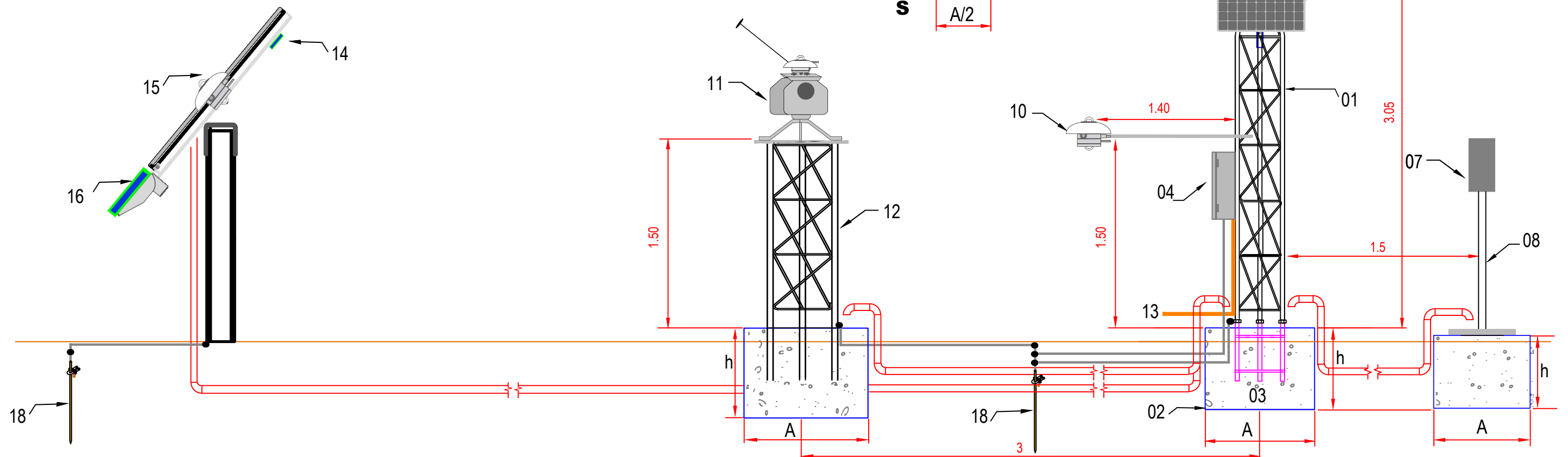
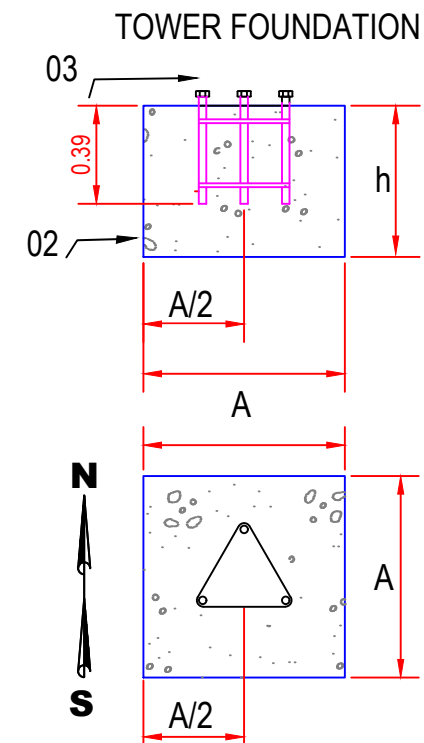
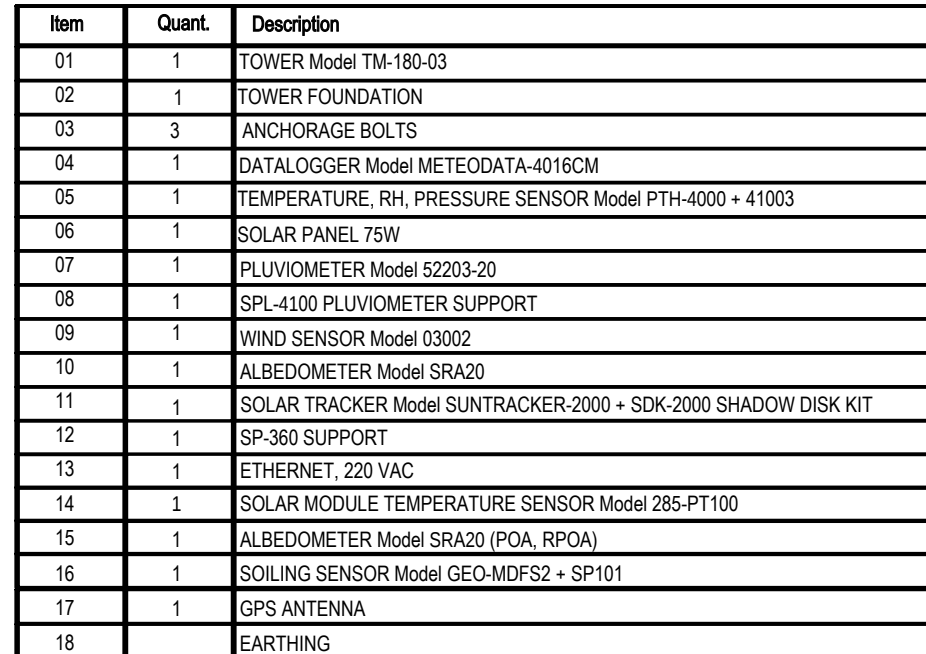


**GOLDEN TAURUS
INGENIERÍA, S.L.**



CABLES	
220 VAC	Dimensioned for max. 100W
Ethernet	CAT5 or higher
MODBUS RS-485	4 wires and screen, cross section 0.2 mm ²
EARTHING CABLE LENGTH (L) m	CROSS SECTION (S) mm ²
L > 25	S > 16
25 > L > 10	S > 10
L < 10	S > 6

		FOUNDATIONS (cm)	
		A	h
TM-180-03		60	50
SPL-4100 / SPL-5200 Pluviometer Supports		40	50
SP-360 SUNTRACKER Support		50	100

CLIENT:	PROJECT:						
	SEMS		Date	Name		Original A3	
		Drawn	02/02/2023	TP			
		Checked	02/02/2023	TP - MMR			
		Doc No. 9785 0202					
	TITLE:					REV	02
	SEMS MAIN STATION DETAILED INSTALLATION DIAGRAM					Sheet N°: 01 of 05	SCALE: NO SCALE

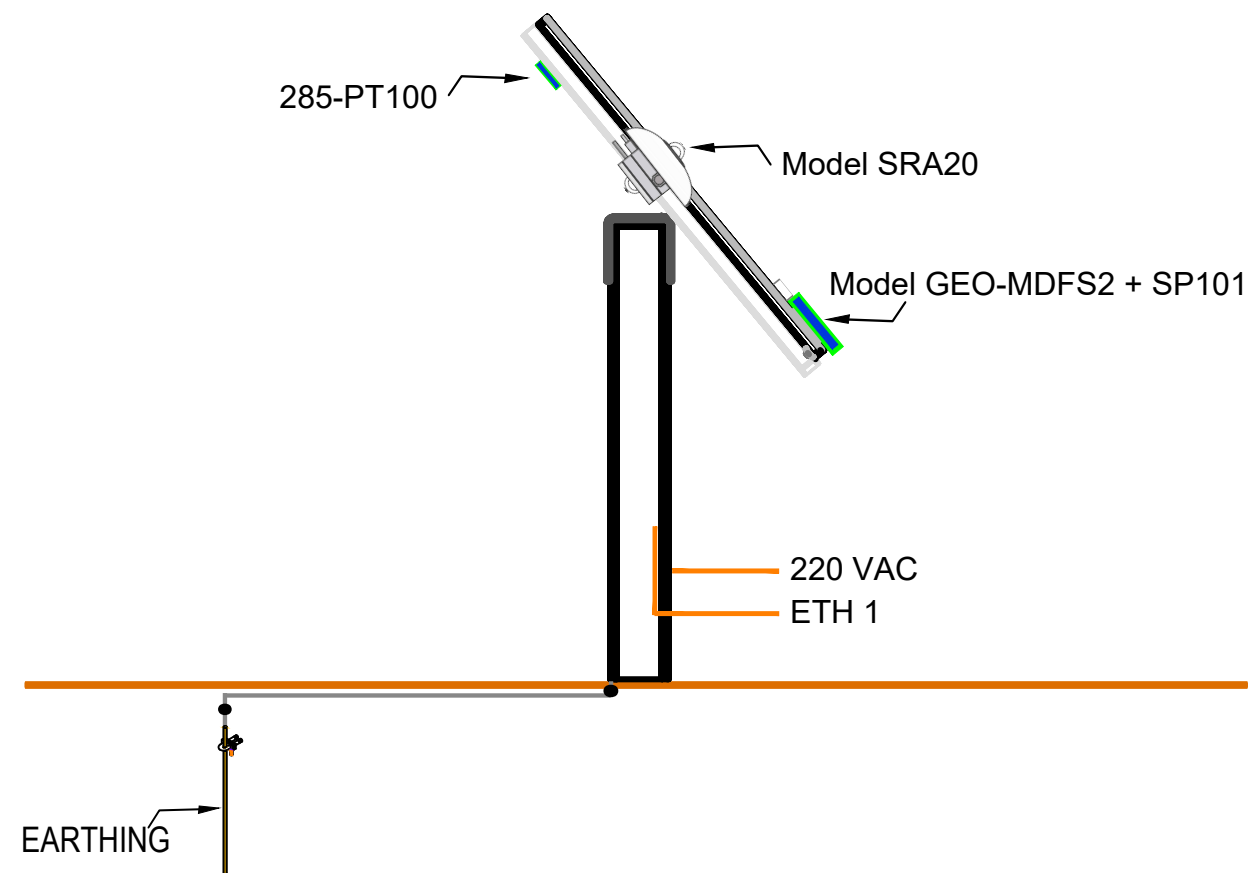
**GOLDEN TAURUS
INGENIERÍA, S.L.**

Model SR20 (POA)

Model GEO-MDFS2 + SP101

The diagram shows a cross-section of a building facade. The facade is composed of vertical panels. The leftmost panel is labeled 'Model SR20 (POA)' and is a square panel with a circular feature. The next panel is labeled 'Model GEO-MDFS2 + SP101' and is a rectangular panel with a small square feature. The facade is divided into sections by vertical lines. The bottom section of the facade is a solid grey rectangle. The top section of the facade is a solid grey rectangle. The middle section of the facade is a solid grey rectangle. The rightmost section of the facade is a solid grey rectangle. The entire facade is shown in a cross-section view.

The diagram shows a cross-section of a sensor assembly. A large rectangular block is divided into five vertical sections of alternating shades of gray. A small dark gray square is located in the rightmost section, with an arrow pointing to it from the label "285-PT100". To the right of the block, a circular component with a central dot is shown, with an arrow pointing to it from the label "Model SR20 (RPOA)". Below this, a smaller rectangular component is shown, with an arrow pointing to it from the label "Model GEO-MDFS2 + SP101". A vertical line extends from the bottom of the block, passing through the "Model GEO-MDFS2 + SP101" component.

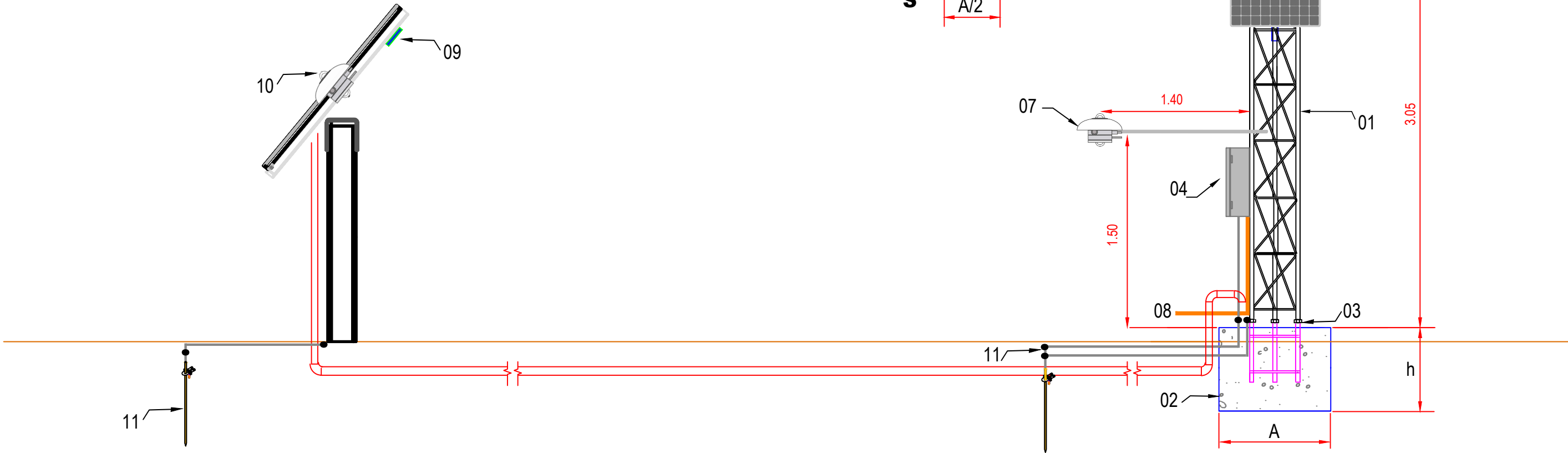
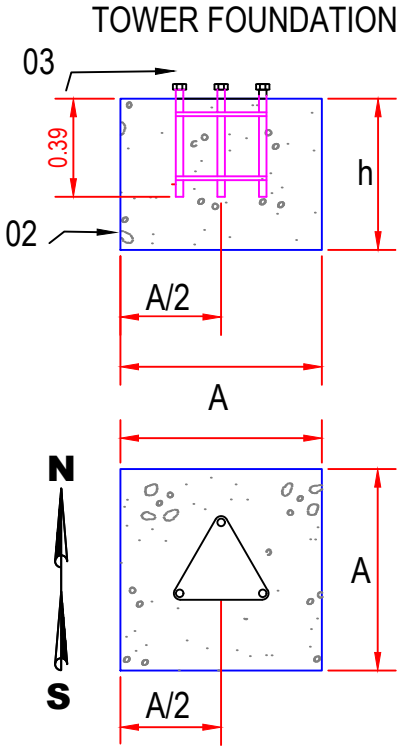


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	SEMS		Date	Name		Original
		Drawn	02/02/2023	TP		
		Checked	02/02/2023	TP - MMR		
		Doc. No.	9785 0202		REV	
	TITLE:			02		
SEMS MAIN STATION SENSORS MOUNTED ON TRACKER				Sheet N°: 02 of 05		
				SCALE:		
				NO SCALE		

SEMS-PV SECONDARY TYPE 1 STATION - DETAILED INSTALLATION



Item	Quant.	Description
01	1	TOWER Model TM-180-03
02	1	TOWER FOUNDATION
03	3	ANCHORAGE BOLTS
04	1	DATALOGGER Model METEODATA-4016CM
05	1	TEMPERATURE, RH SENSOR Model STH-S331+ 41003
06	1	SOLAR PANEL 75W
07	1	ALBEDOMETER Model SRA20
08	1	ETHERNET, 220 VAC
09	1	285-PT100 SOLAR MODULE TEMPERATURE SENSOR
10	1	ALBEDOMETER Model SRA20 (POA, RPOA)
11		EARTHING

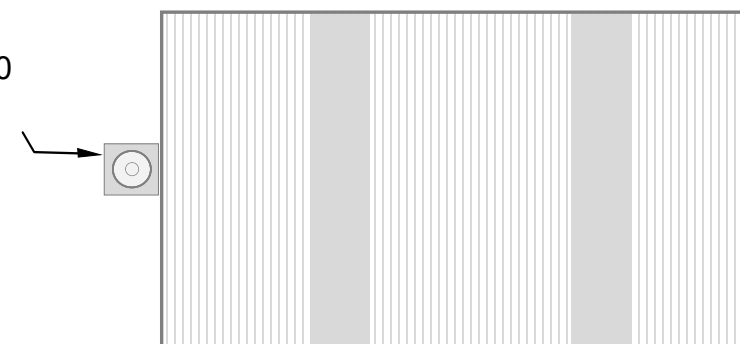


CABLES	
220 VAC	Dimensioned for max. 100W
Ethernet	CAT5 or higher
MODBUS RS-485	4 wires and screen, cross section 0.2 mm²
EARTHING CABLE LENGTH (L) m	CROSS SECTION (S) mm²
L > 25	S > 16
25 > L > 10	S > 10
L < 10	S > 6

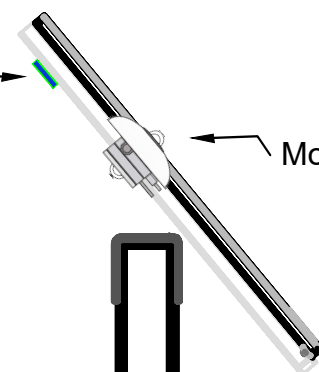
	FOUNDATIONS (cm)	
	A	h
TM-180-03	60	50
SPL-4100 / SPL-5200 Pluviometer Supports	40	50
SP-360 SUNTRACKER Support	50	100

CLIENT:	PROJECT:	Drawn	Date	Name	Projection 1st Dihedral	Original
	SEMS-PV	Checked	02/02/2023	TP		A3
		Doc No.	9785 0202	TP - MMR	REV	
					02	
					Sheet Nº: 03 of 05	
					SCALE:	
					NO SCALE	

**GOLDEN TAURUS
INGENIERÍA, S.L.**

Model SR20
(POA)

285-PT100



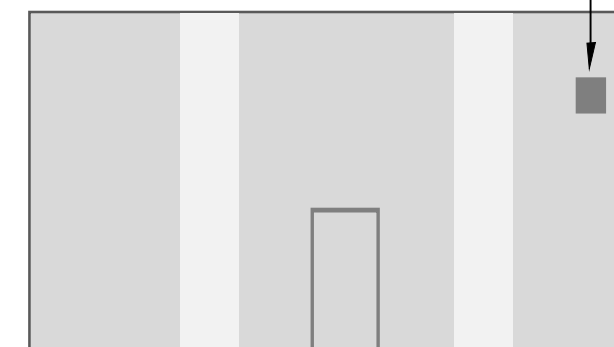
Model SRA20

- 220 VAC
- ETH 1

EARTHING

BACK

285-PT100



Model
SR20
✓ (RPOA)

CLIENT:	PROJECT:					Projection 1st Dihedral 	Original A3
	SEMS-PV	Drawn	02/02/2023	TP			
		Checked	02/02/2023	TP - MMR			
		Doc No.	9785 0202				
TITLE:					REV		
SEMS-PV SECONDARY TYPE 1 STATION SENSORS MOUNTED ON TRACKER					02		
					Sheet Nº: 04 of 0		
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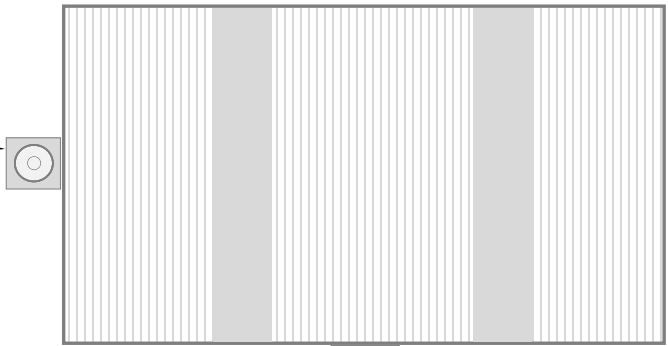
SEMS-PV SECONDARY TYPE 2 STATION - SENSORS MOUNTED ON TRACKER



GOLDEN TAURUS
INGENIERÍA,S.L.

FRONT

Model SR20
(POA)

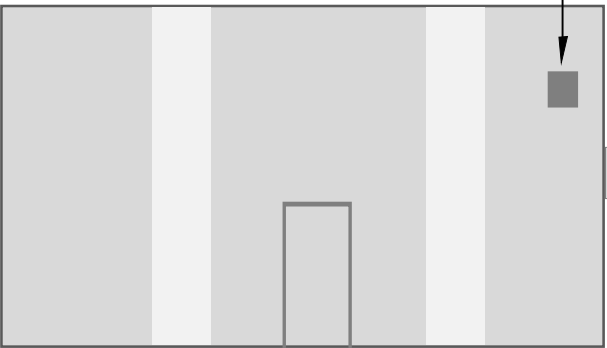


METEODATA-4016CM
Datalogger



BACK

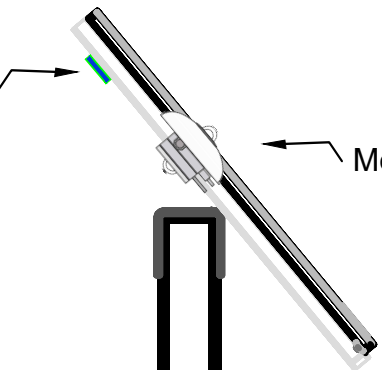
285-PT100



Model
SR20
(RPOA)



285-PT100



Model SRA20

METEODATA-4016CM
Datalogger

220 VAC
ETH 1



EARTHING



CLIENT:	PROJECT:				
	SEMS-PV	Drawn	02/02/2023	TP	Original
		Checked	02/02/2023	TP - MMR	A3
		Doc No.	9785 0202	REV	
	TITLE:			02	
	SEMS-PV SECONDARY TYPE 2 STATION SENSORS MOUNTED ON TRACKER			Sheet N°: 05 of 05	
				SCALE:	
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