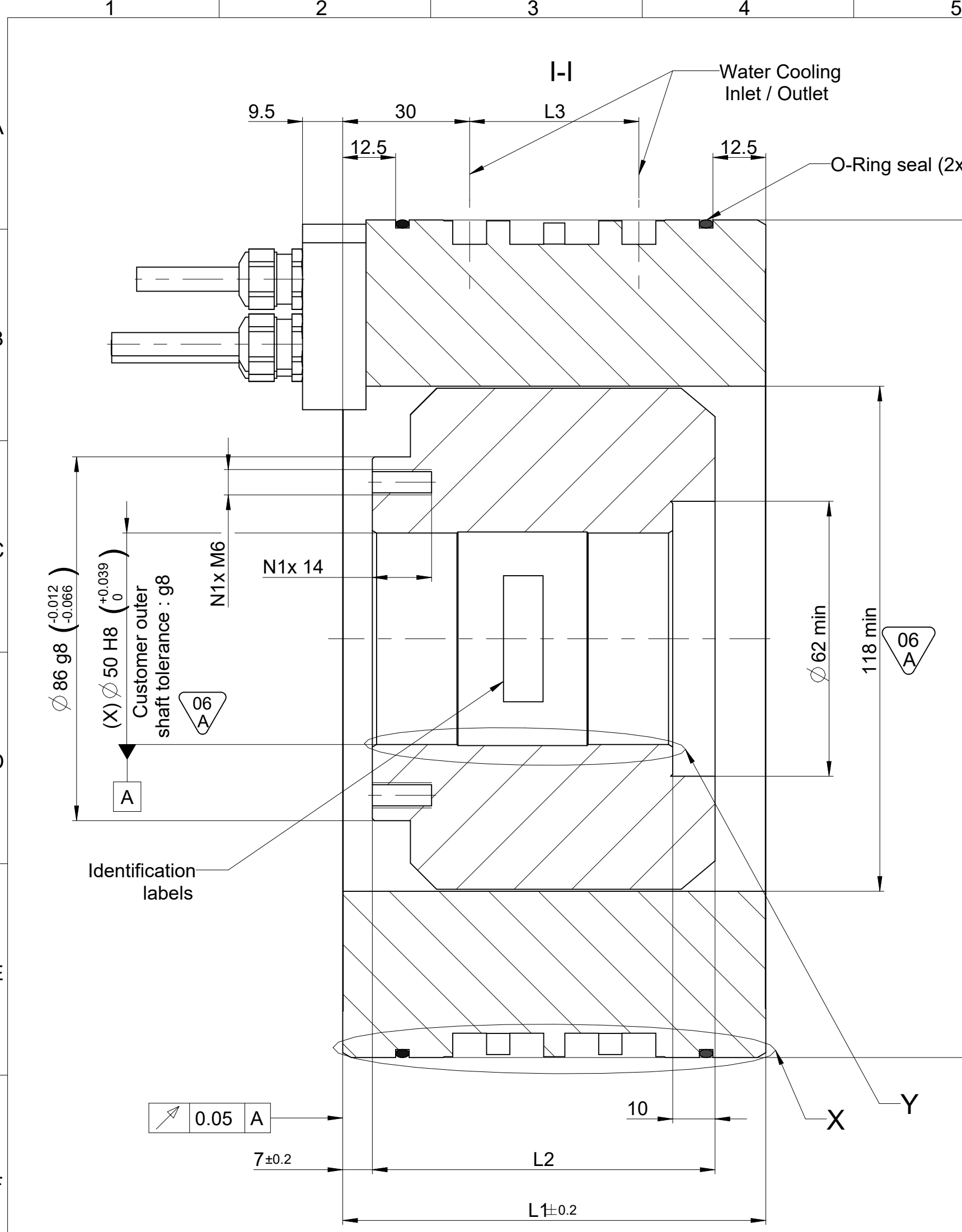


Torque Motors

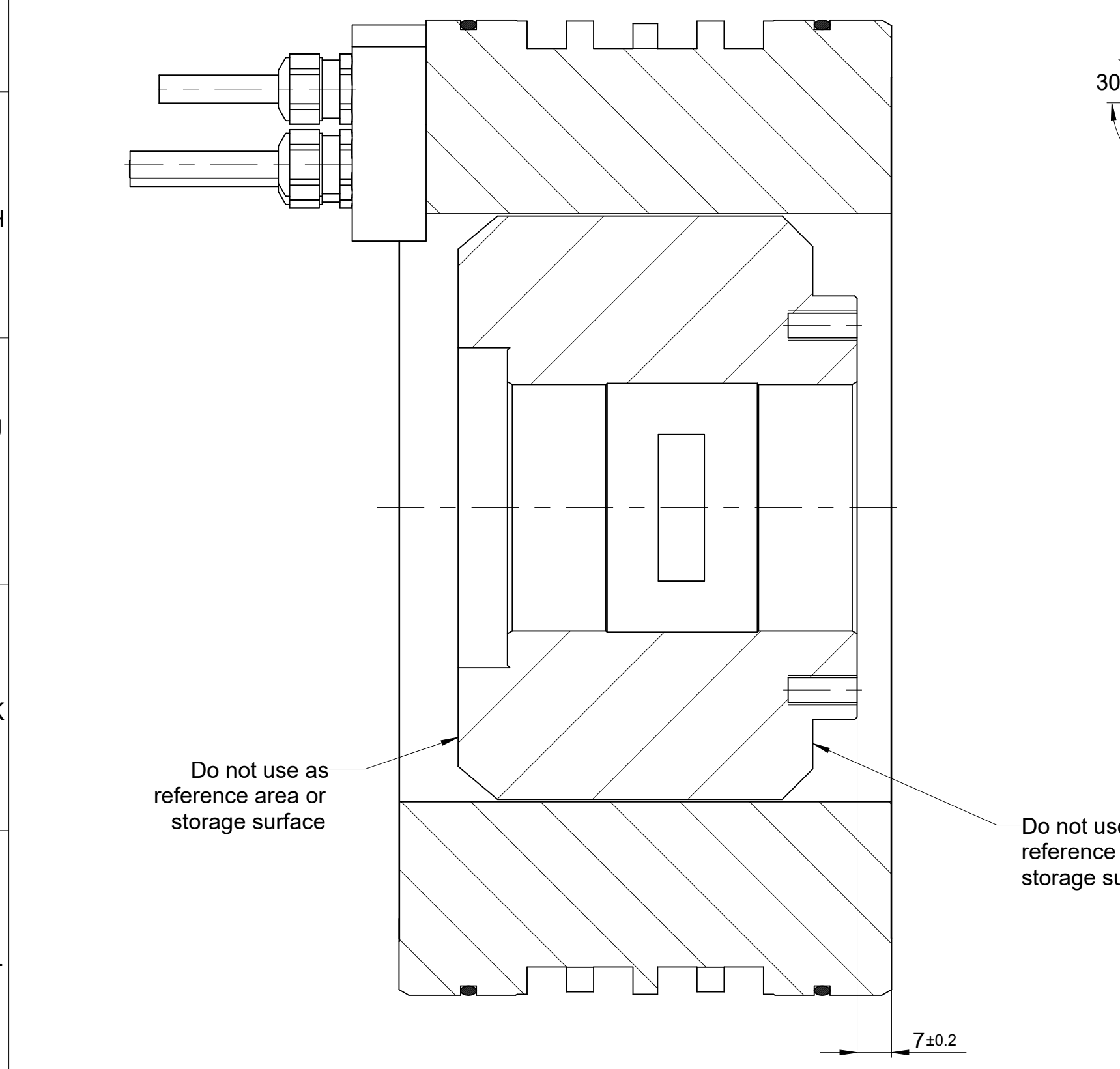
TMK INTERFACE DRAWINGS

ETEL

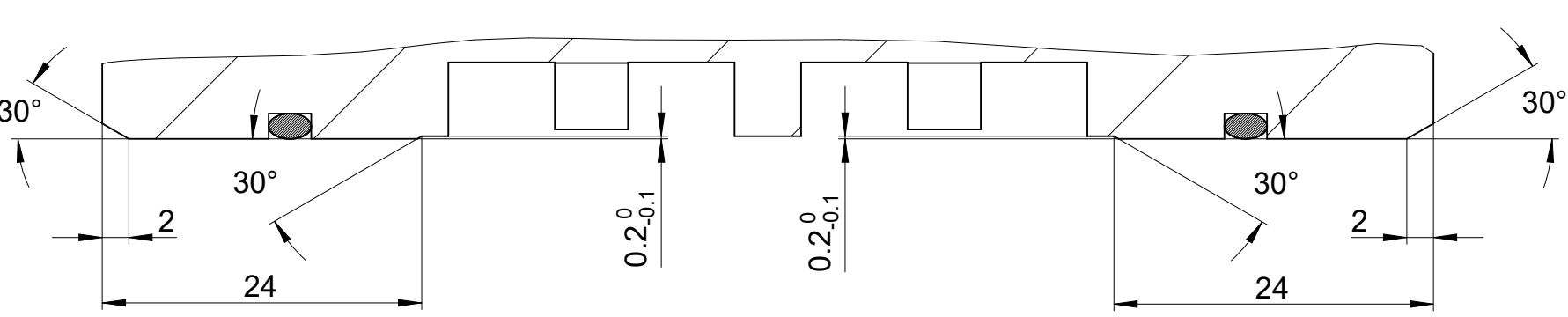
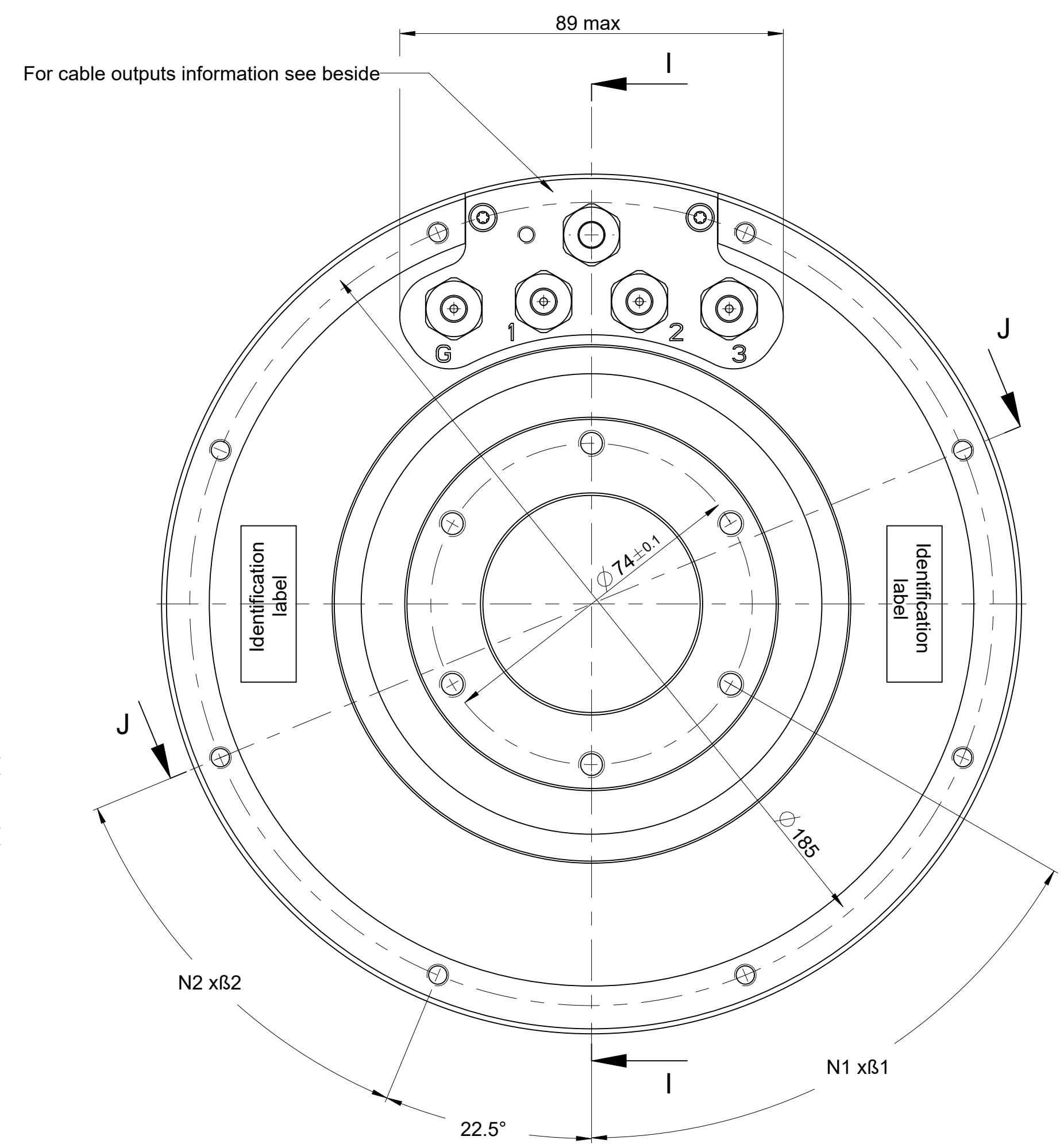


Rotor shoulder position on cable side

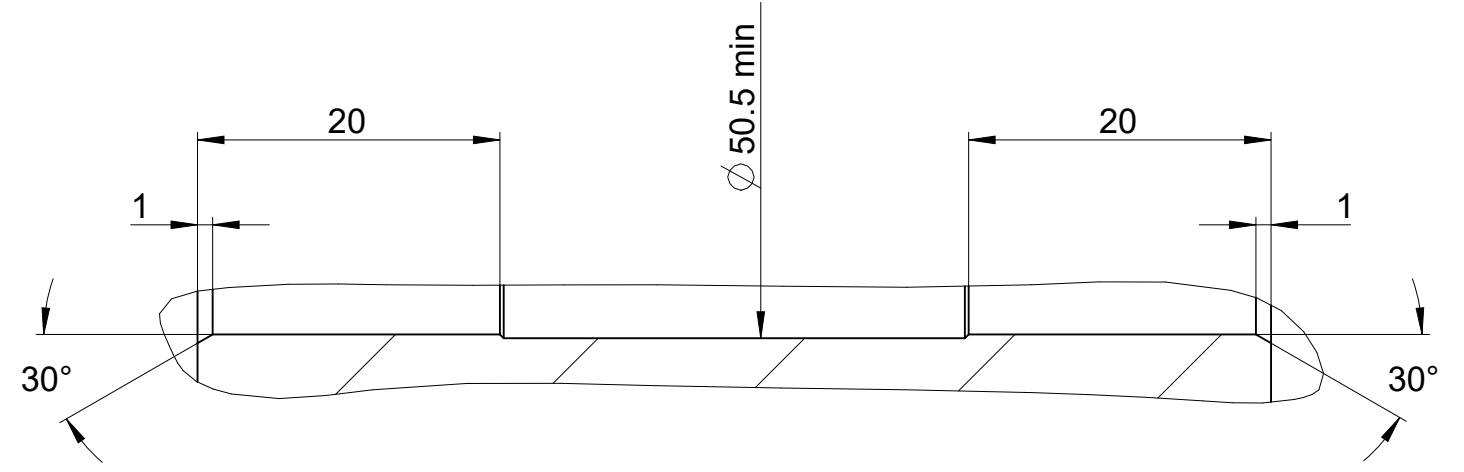
I-I



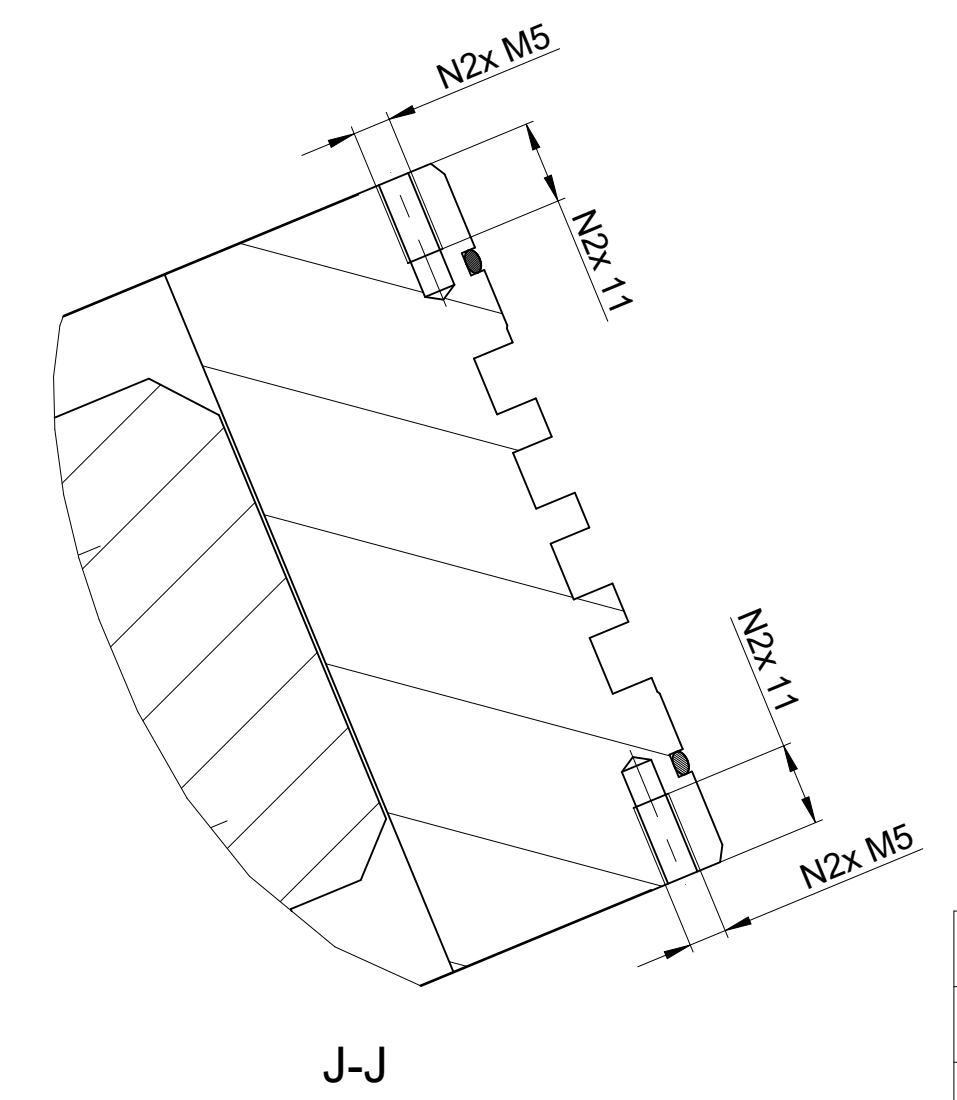
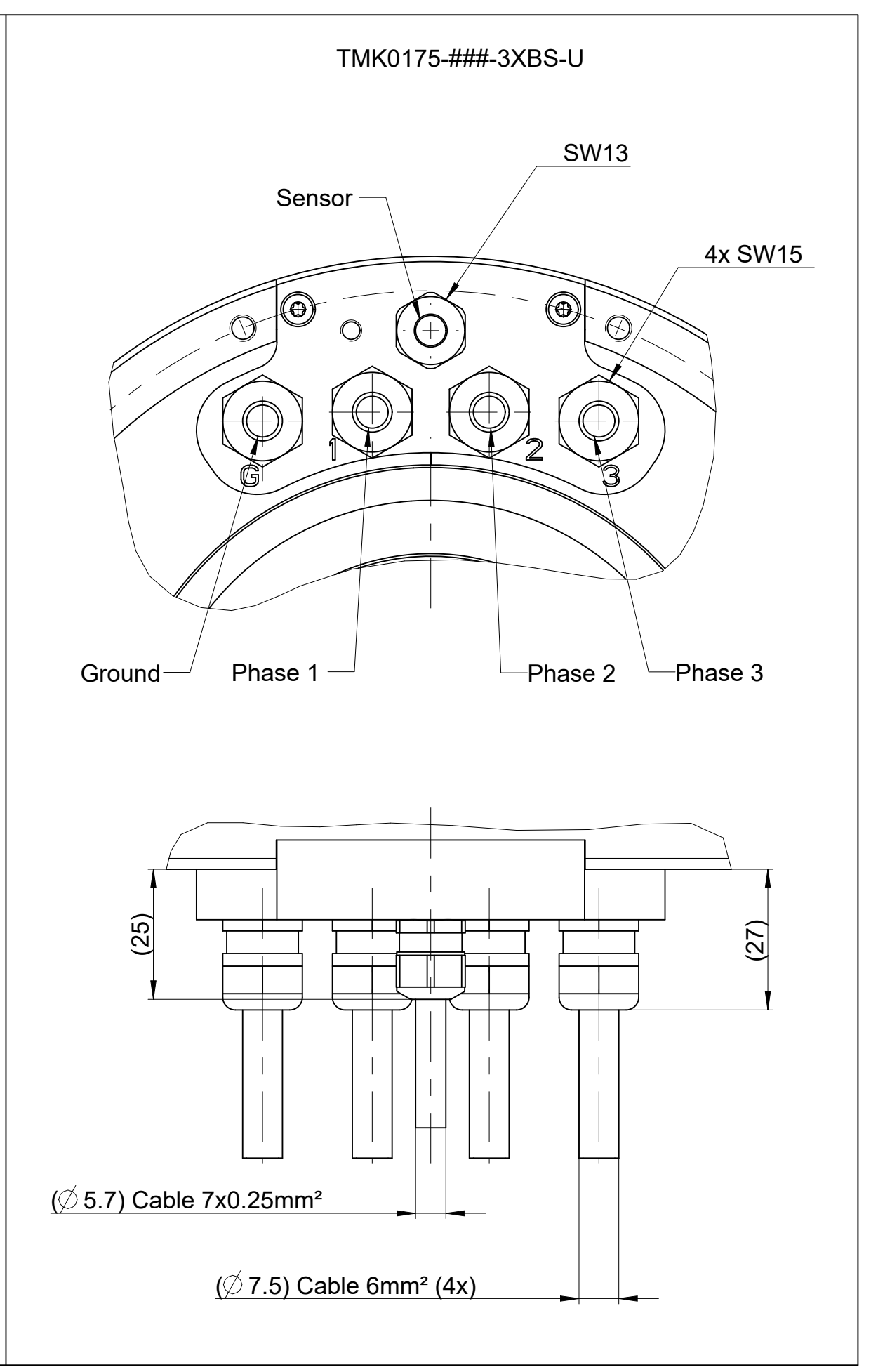
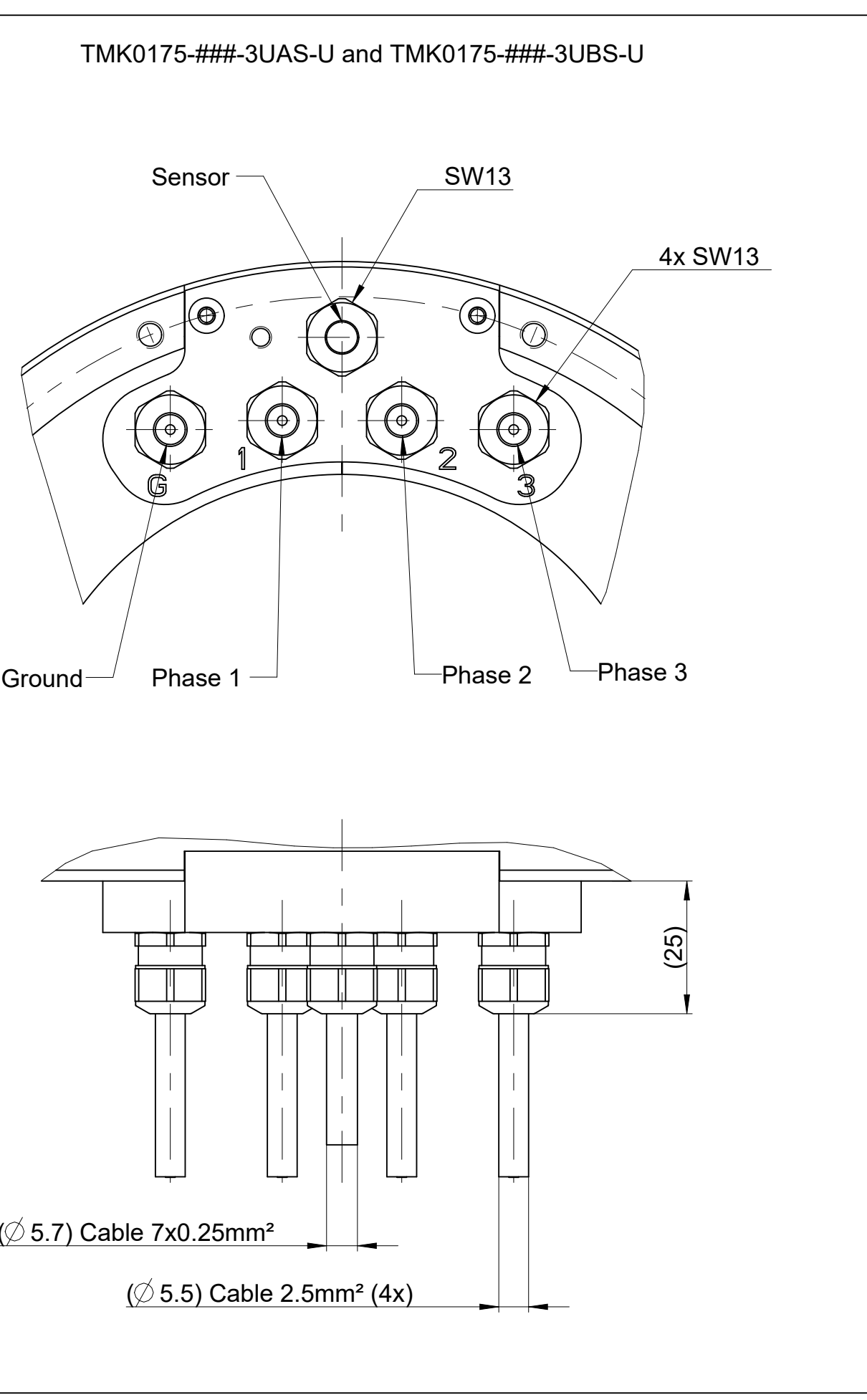
Rotor shoulder position on opposite side of cable



X
2:1



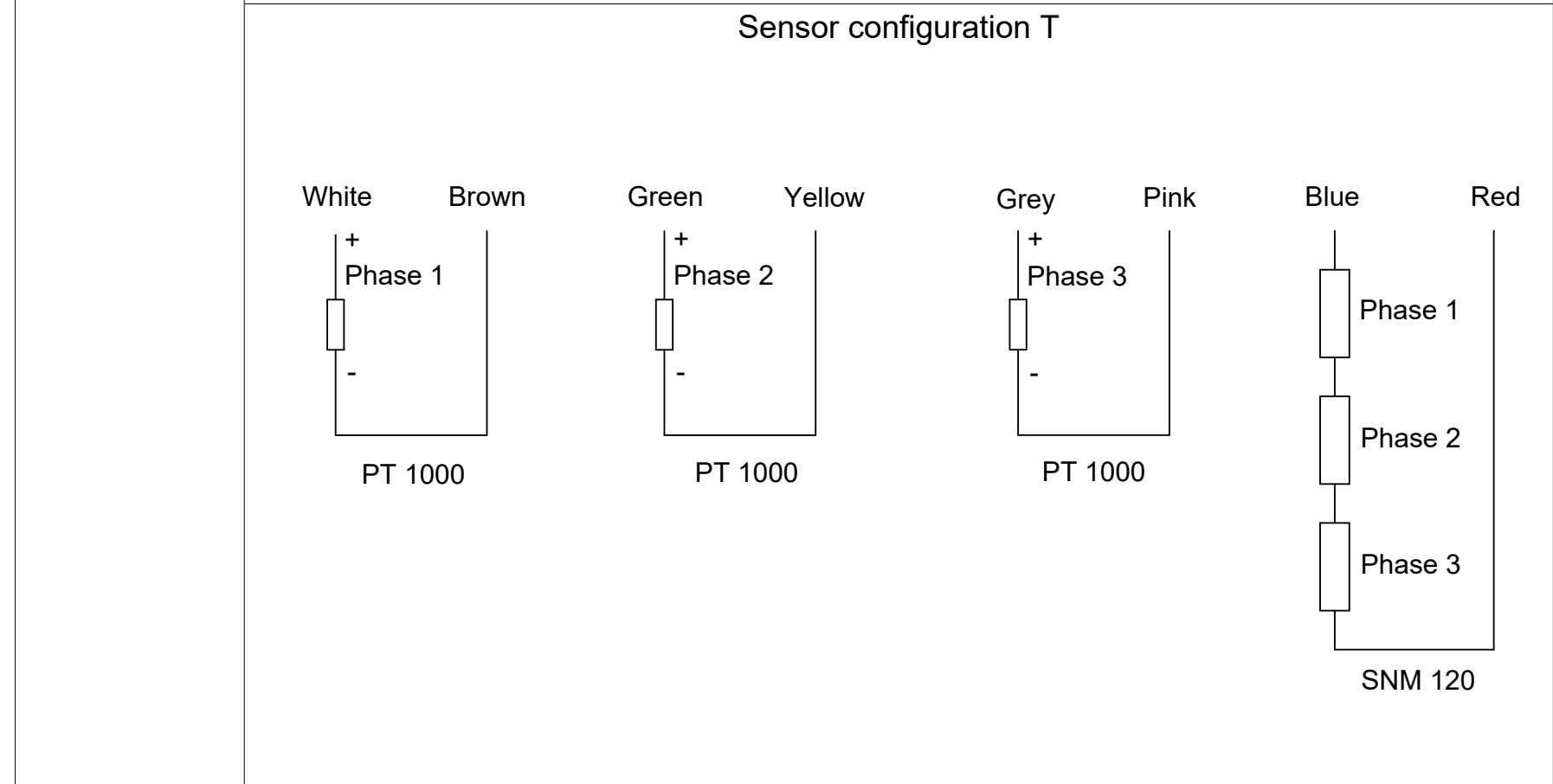
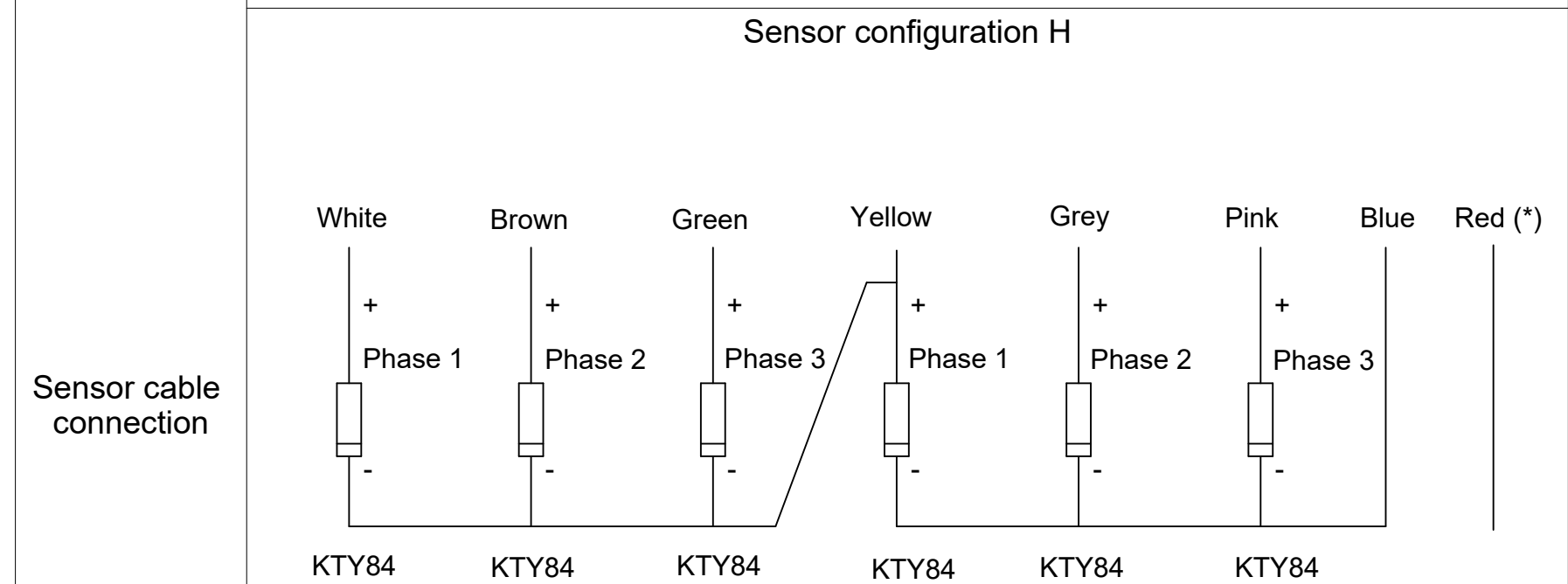
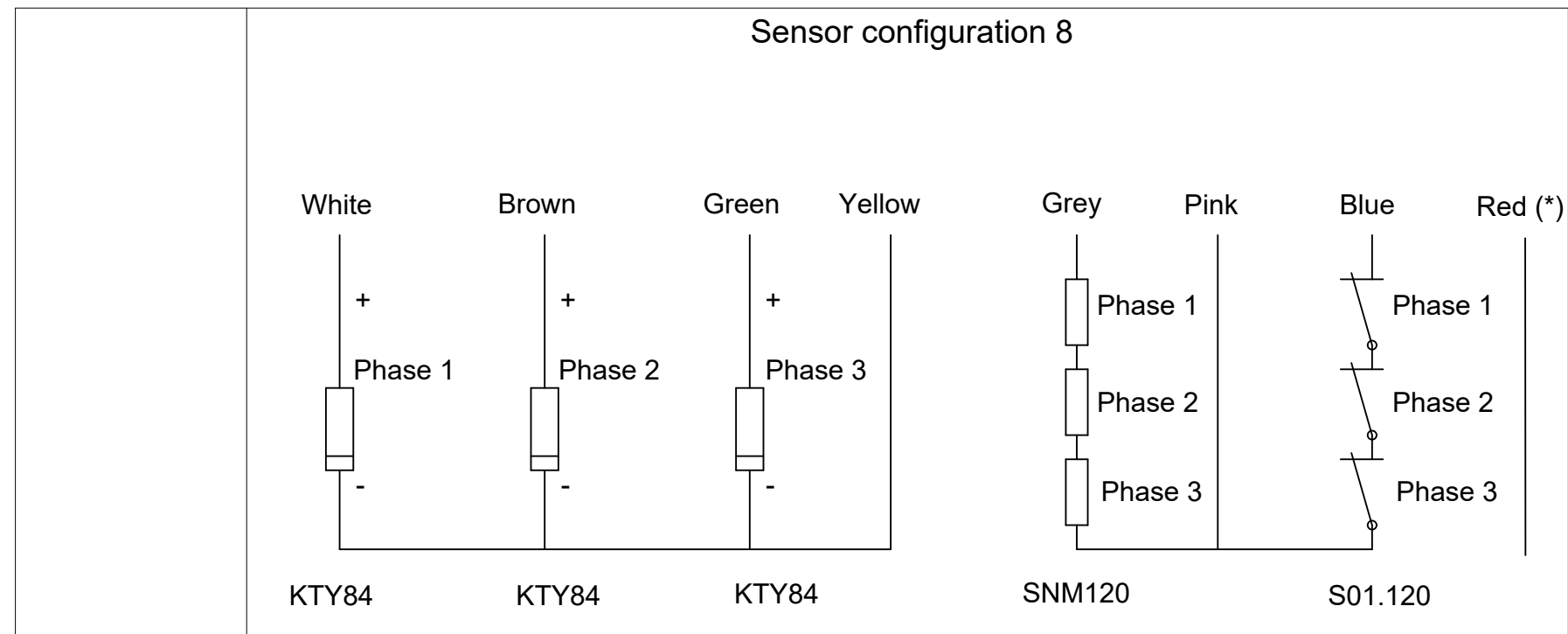
Y
2:1



J-J

PRODUCT	L1	L2	L3	N1	N2	β1	β2
TMK0175-050	100	81	40	6	8	60	45
TMK0175-070	120	101	60	6	8	60	45
TMK0175-100	150	131	90	12	16	30	22.5
TMK0175-150	200	181	140	12	16	30	22.5

Text:		ID number	
Original drawing Scale Format		Change No. C124601-01 Released: 24.02.2022	
RoHS 1:1 A1	Torque motor TMK0175 (interface) Moteur couple fer TMK0175 (interface)		Material: Matière:
Dimensions in mm / Cotes en mm			
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		Surfaces as per ISO 1302 Etats de surface selon ISO 1302	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:	
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ETEL ETEL S.A. 2112 Möhlers SWITZERLAND		Version/Revision/Sheet Page 1039760-06-A-01 1 of 1	



(*): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

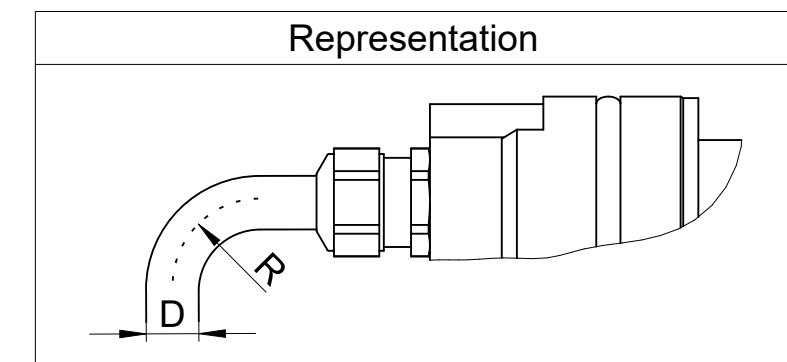
Power cable connection

Color and wire number	Function	Drawing
Black wire with number 1 or U	Phase 1 (PH1)	
Black wire with number 2 or V	Phase 2 (PH2)	
Black wire with number 3 or W	Phase 3 (PH3)	
Yellow and green wire	Ground (GND)	
Black wire with number Br1 or 5 or white cable	Neutral point wire (present only on some motor types)	
Black wire with number Br2 or 6 or black wire without label	None(**)	

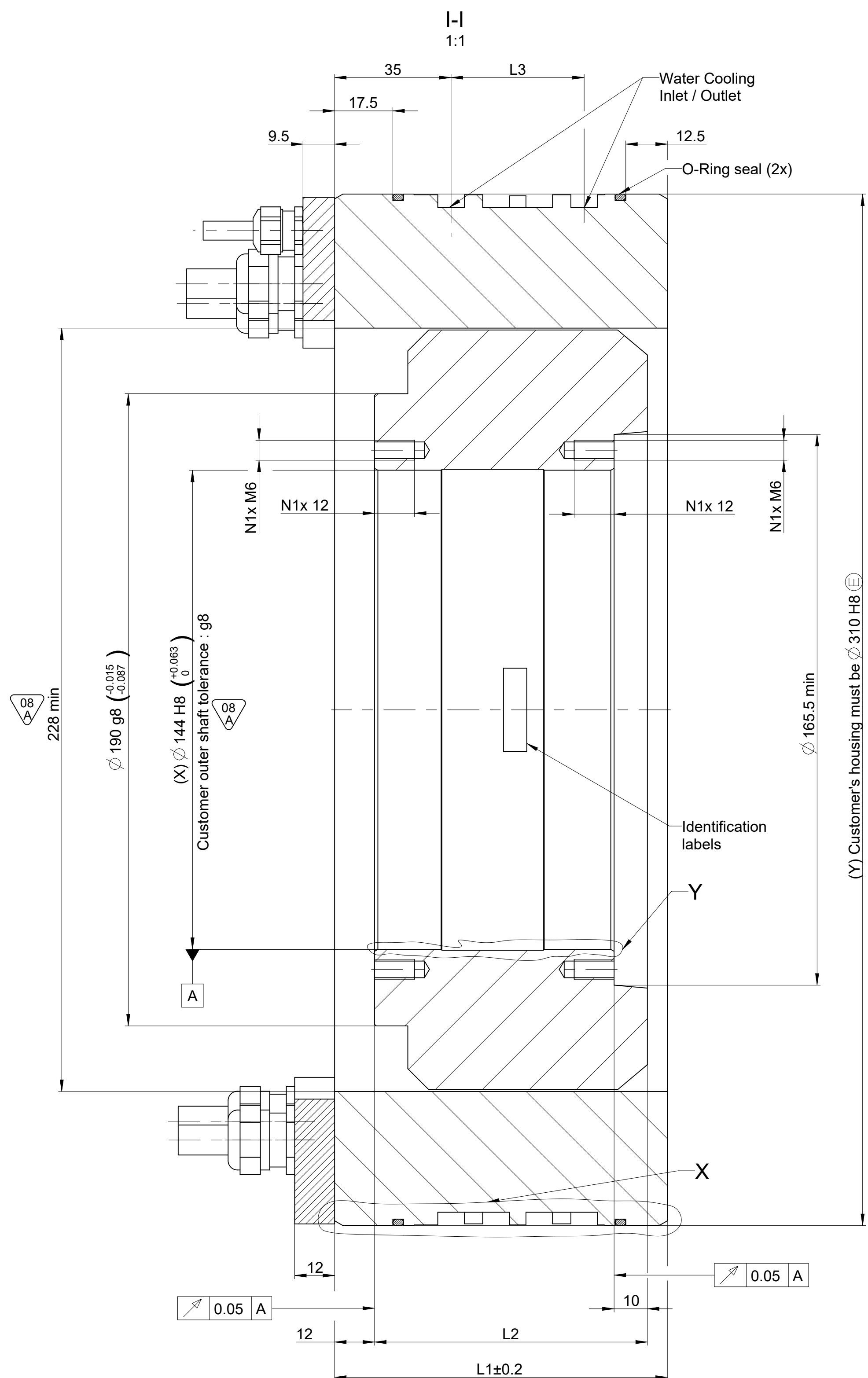
(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

Wire section (mm²)

Characteristics	1 x 1.5	1 x 2.5	1 x 4	1 x 6	1 x 10	1 x 16	Sensor cable
Applicable motors	TMK0291 TMK0360 TMK0761 TMK0991	TMK0175 TMK0291 TMK0360 TMK0530	TMK0360	TMK0175 TMK0360 TMK0530	TMK0291 TMK0530 TMK0761	TMK0360 TMK0530 TMK0761 TMK0991	All TMK
Minimum bend radius for fixed cable	R = 5 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 6 X D
Minimum bend radius for moving cable	R = 10 x D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 12 X D

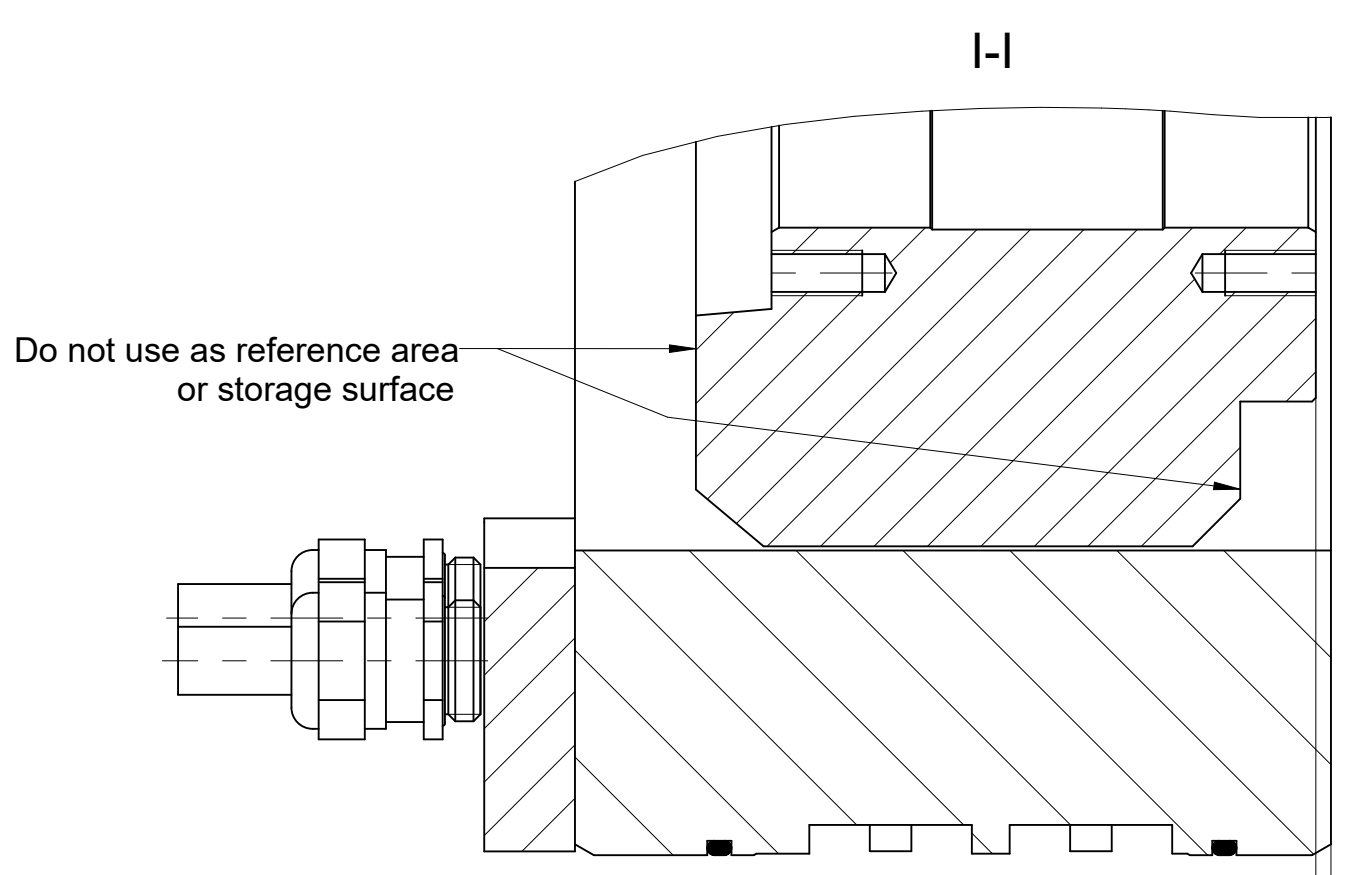


Text:		Original drawing Scale: 1:1 Format: A2		TMK sensor config. and cables prop. (interface)		ID number	
RoHS		1:1 A2		TMK config. capteur et prop. câbles (interface)		Change No. C115144-05 Released: 18.09.2020	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK		Surfaces as per ISO 1302 Etats de surface selon ISO 1302		Material: Matière:	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:		Version/Revision/Sheet		Page	
ETEL ETEL S.A. 2112 Môtiers SWITZERLAND		1328572-00-A-01		Document number		1 of 1	

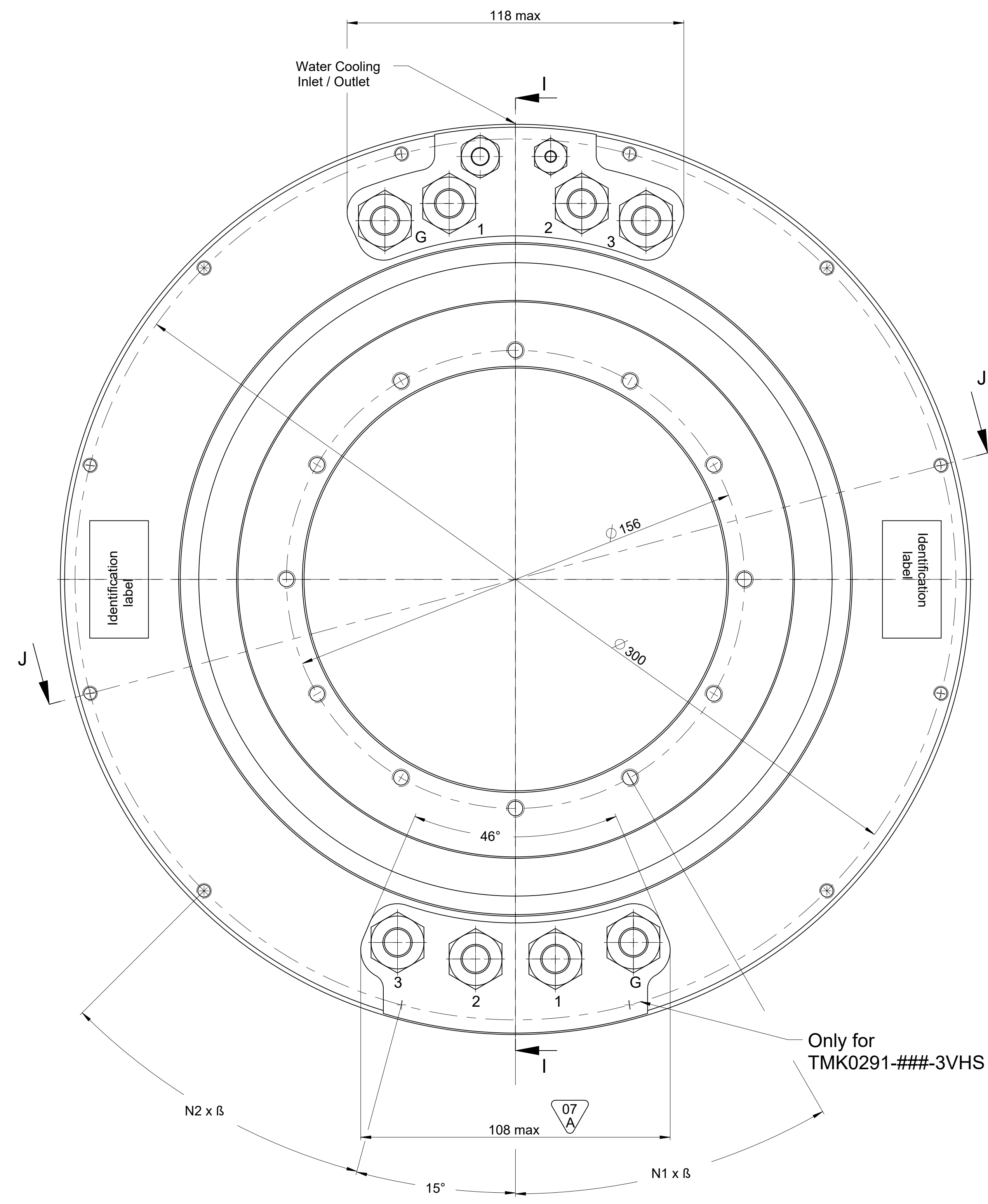
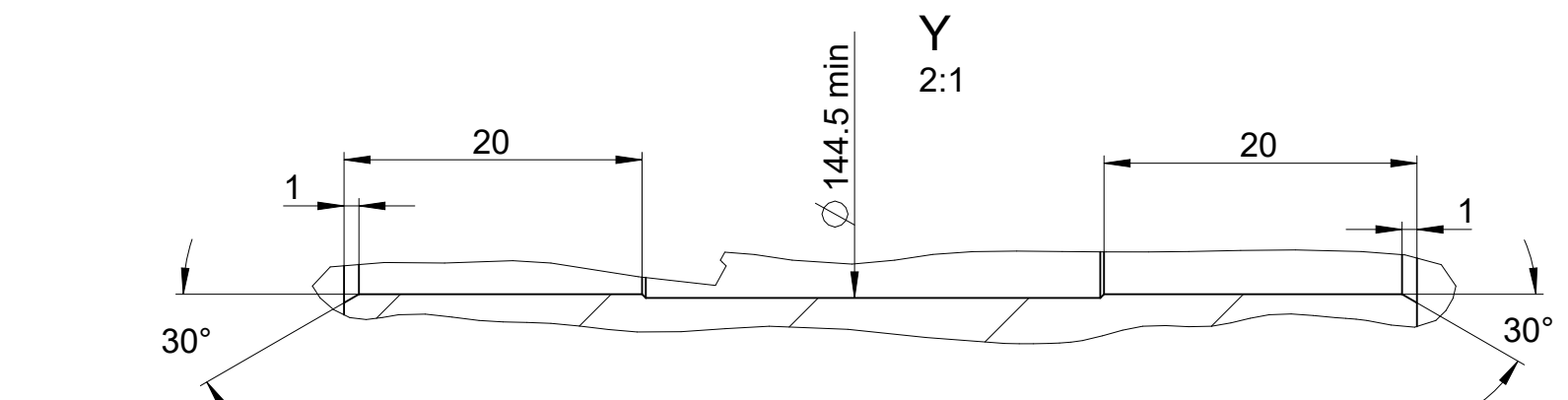
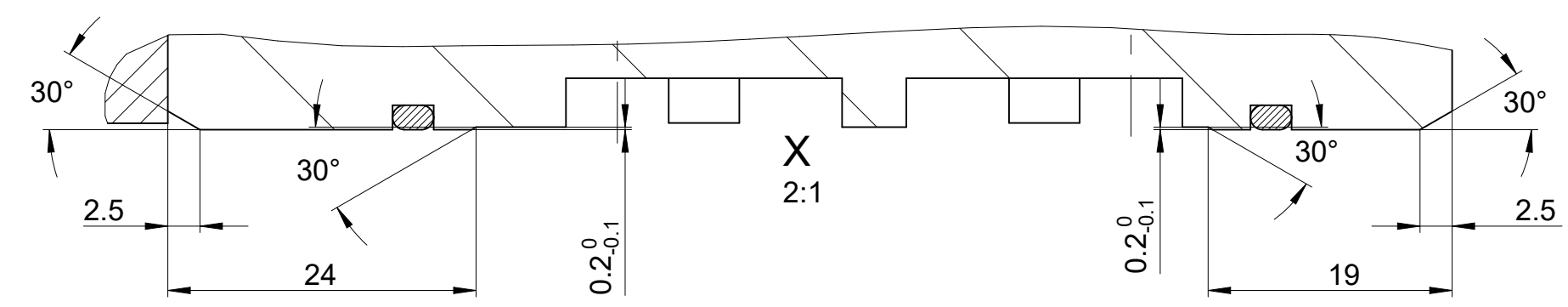


(Y) Customer's housing must be $\varnothing 310 H8$ (E)
 Diameters (X) and (Y) must be concentric within 0.1 when mounted

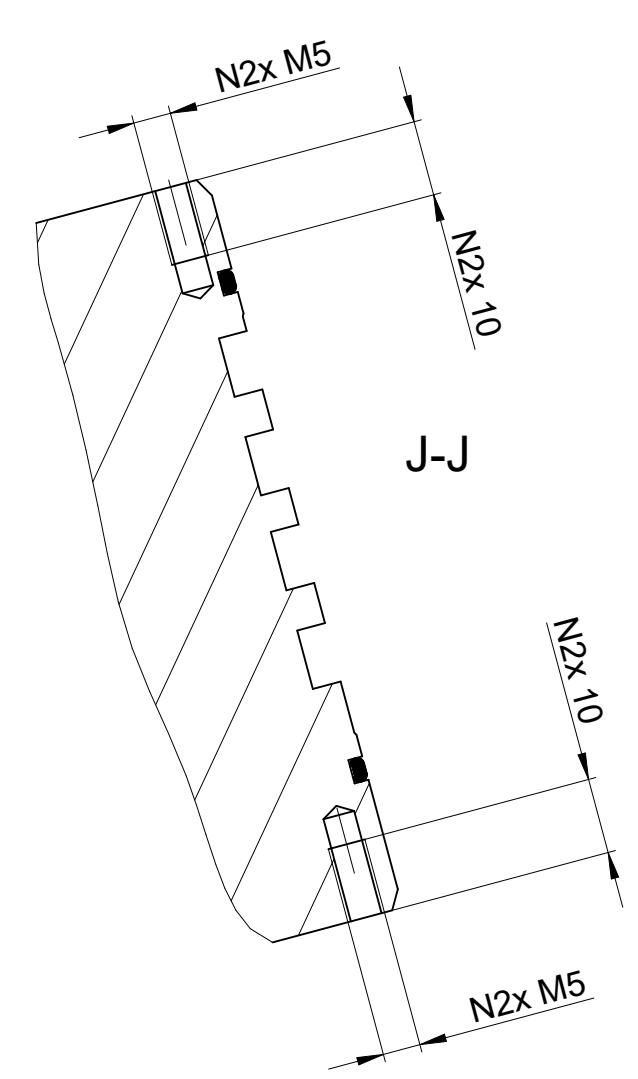
Rotor shoulder position on cable side



Rotor shoulder position on opposite side of cable

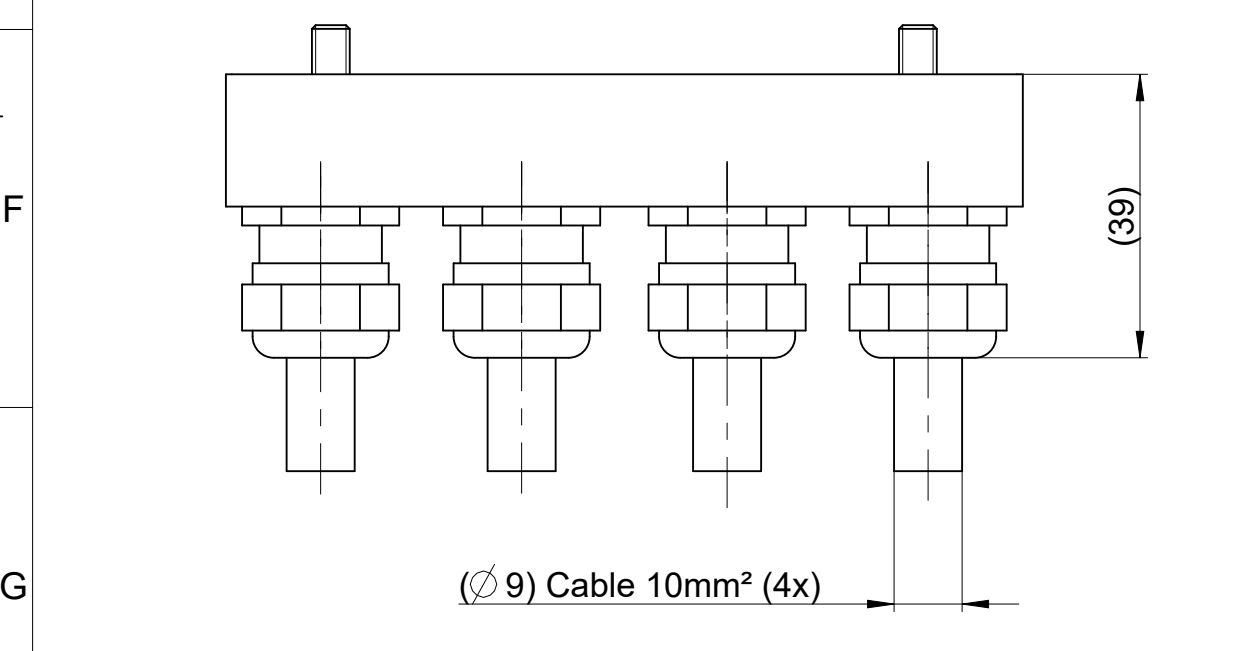
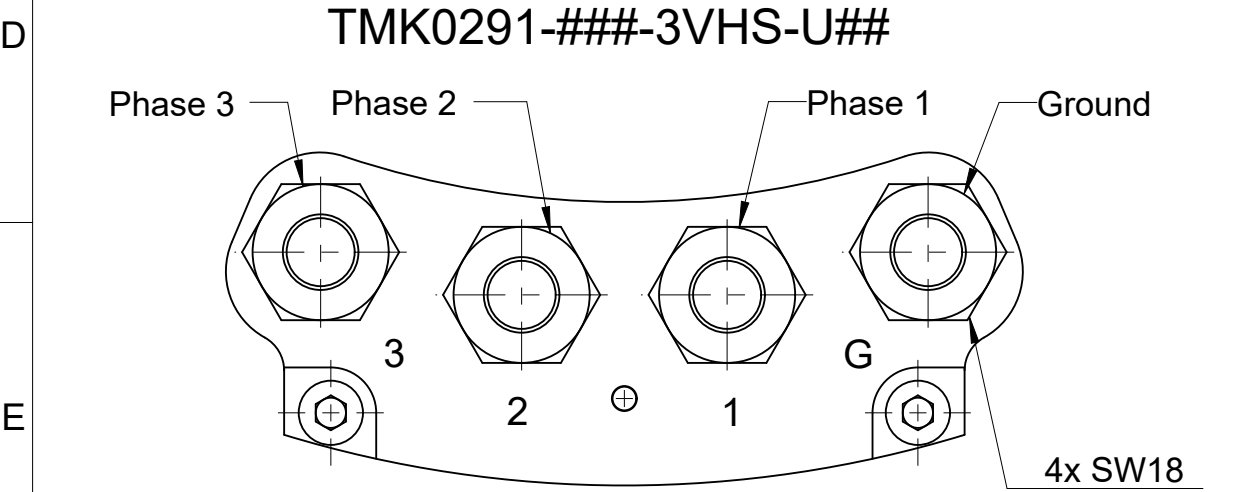
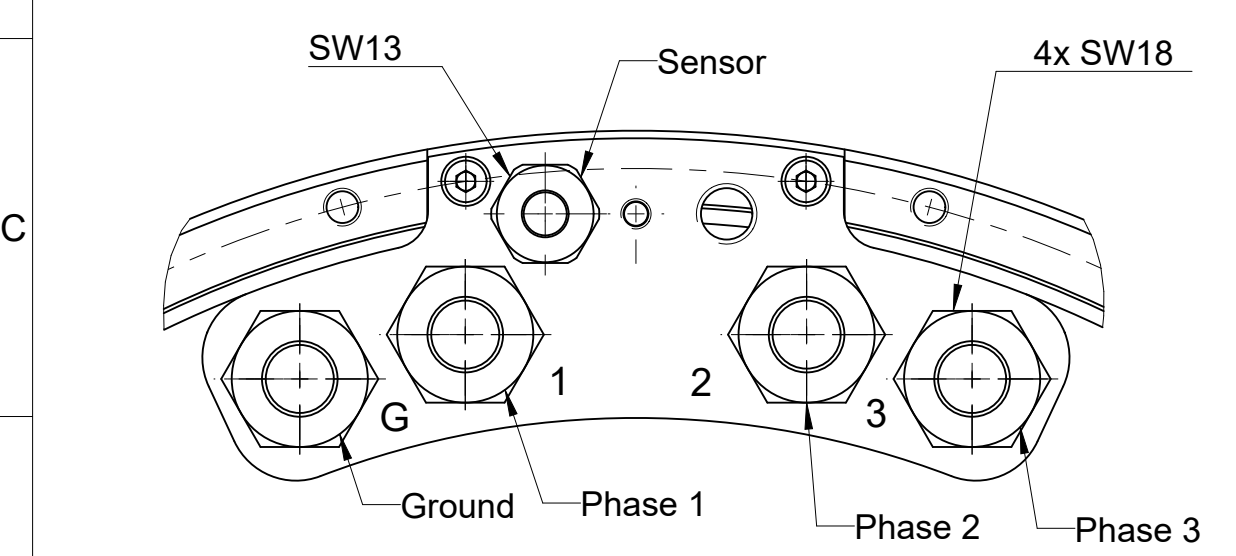
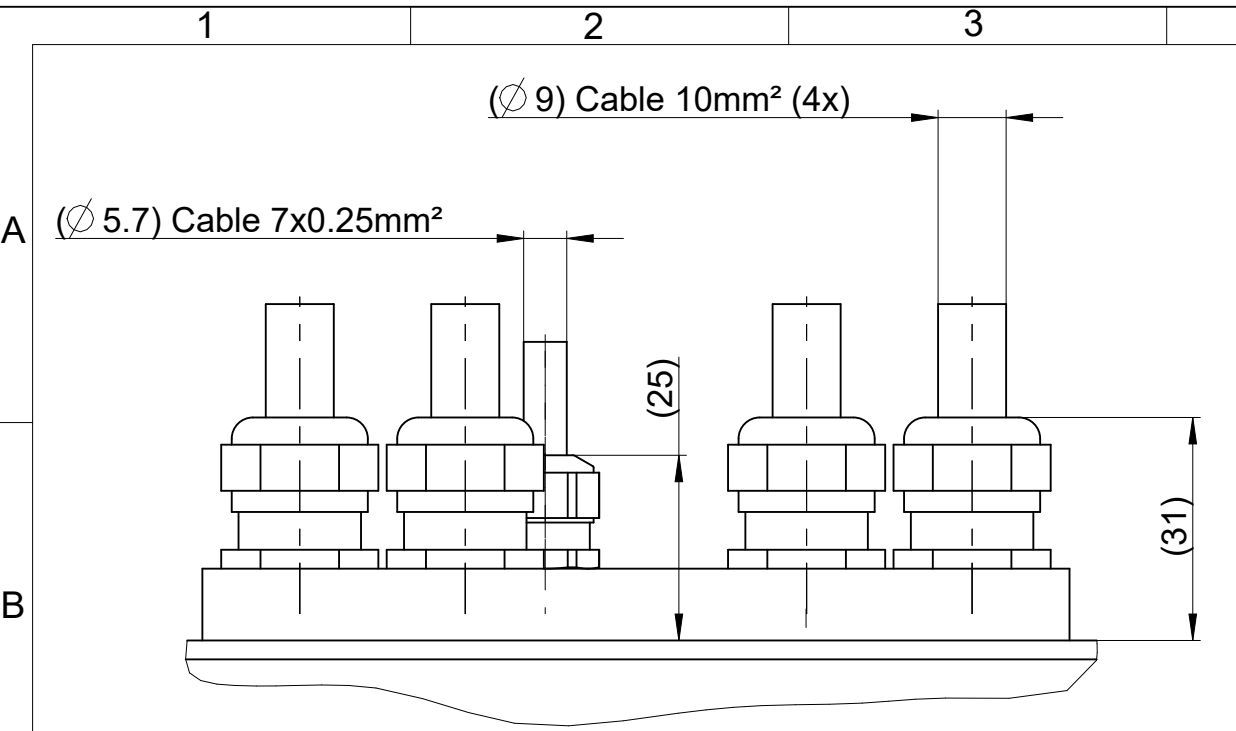


Only for
 TMK0291-###-3VHS

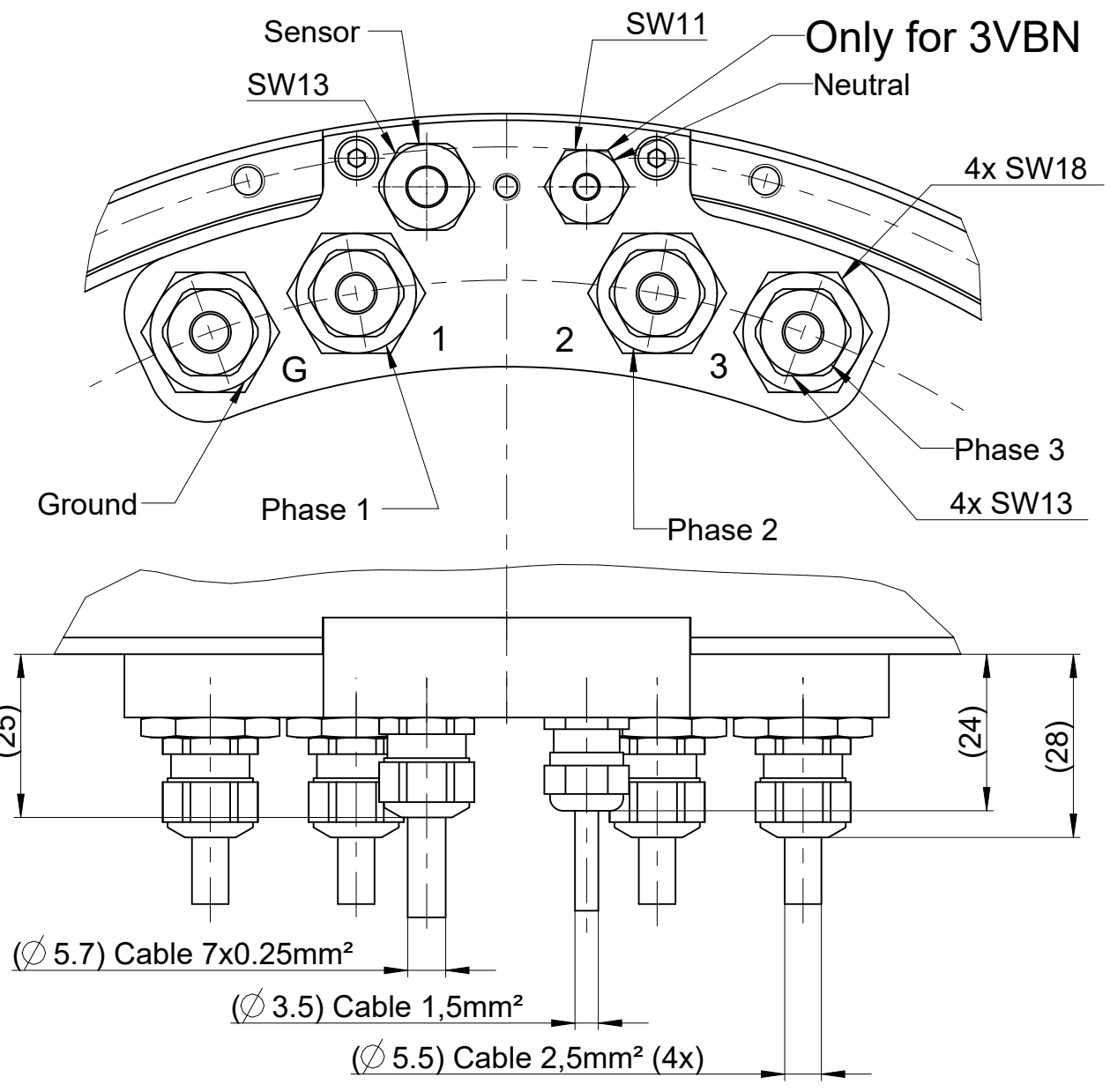


PRODUCT	L1	L2	L3	N1	N2	β
TMK0291-050	100	81	40	12	12	30
TMK0291-070	120	101	60	12	12	30
TMK0291-100	150	131	90	24	24	15
TMK0291-150	200	181	140	24	24	15

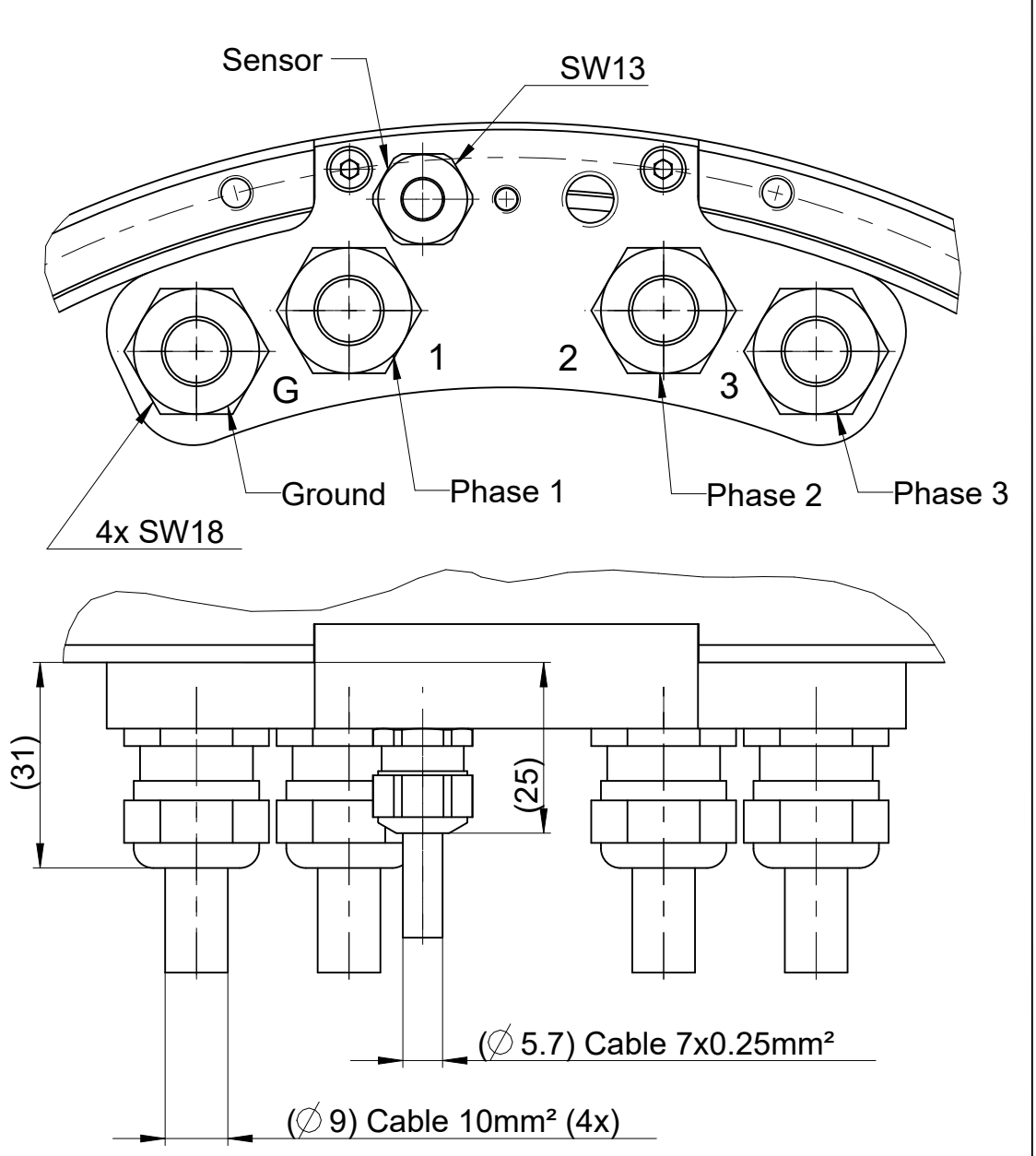
Text:		ID number	
Original drawing	Scale	Change No.	C124601-02
RoHS	1:1	Released:	24.02.2022
Format		Material:	
A1		Matière:	
Dimensions in mm / Cotes en mm		Mating Dimensions / Cotes d'encrochement	
Workplace edges ISO 13715	General tolerances ISO 2768-mK	Surfaces as per ISO 1302	
Arêtes de formes selon ISO 13715	Tolérances générales ISO 2768-mK	Etats de surface selon ISO 1302	
-0.1 L±0.3	+0.3 L±0.0	Surface treatment:	
Tolerances as per ISO 8015 : 2011		Tolérances selon ISO 8015 : 2011	
Tolérances selon ISO 8015 : 2011		Traitement de surface:	
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ETEL S.A. 2112 Möhlers SWITZERLAND		Version/Revision/Sheet/ Page	
648791-08-A-01		1 of 1	
Document number			



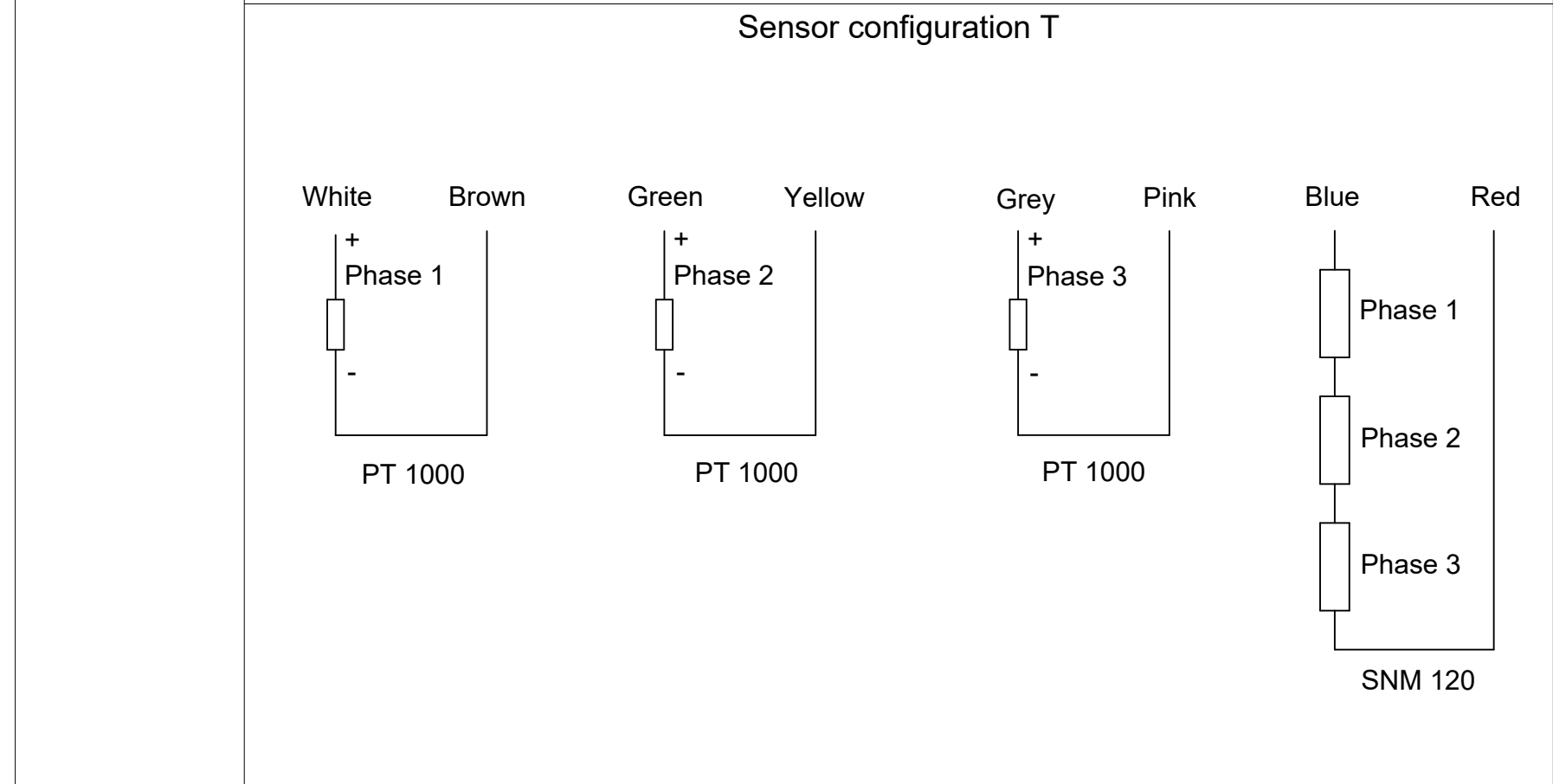
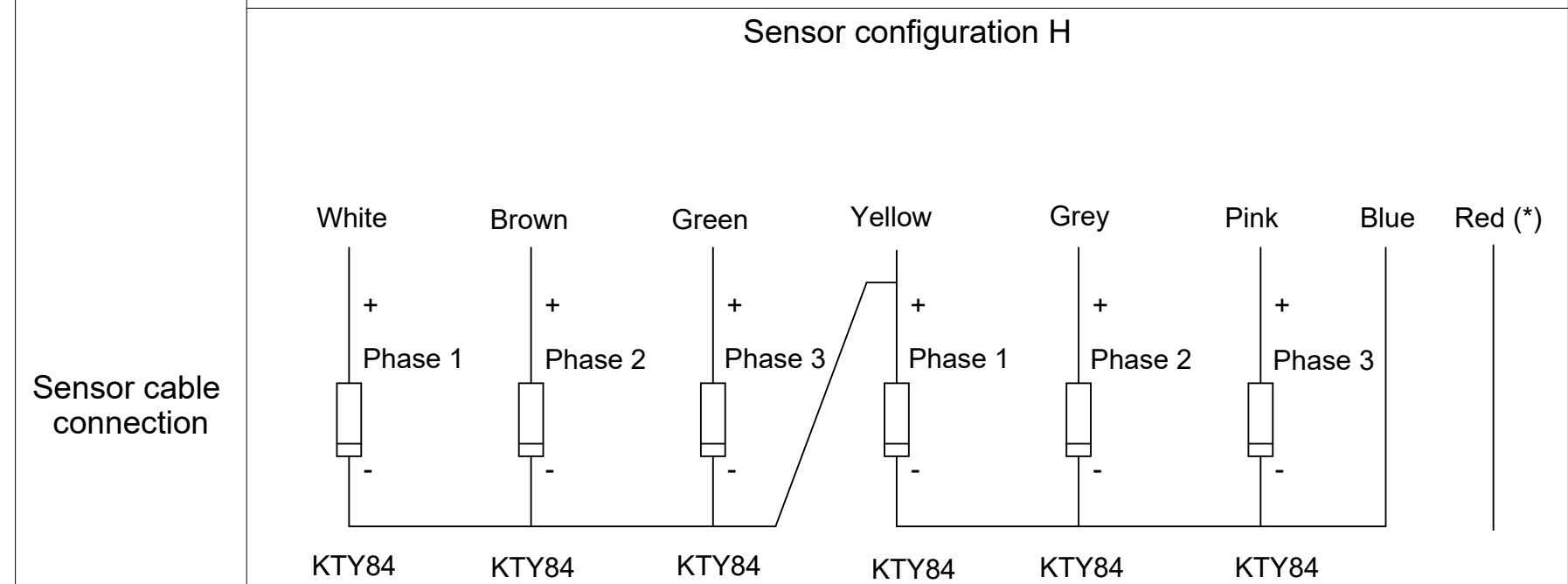
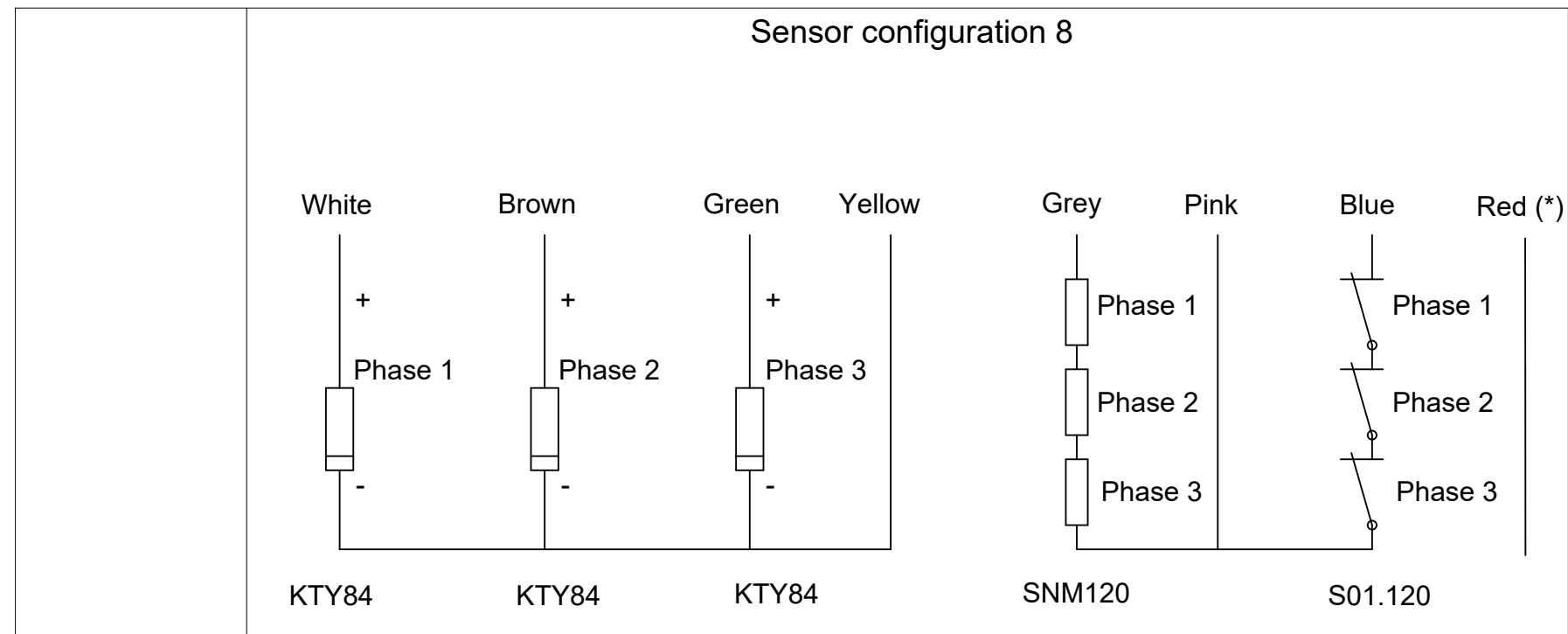
TMK0291-###-3VBN-U## and 3VBS-U##



TMK0291-###-3VDS-U##



Text:			ID number
Original drawing Scale: 1:1 Format: A2			Change No. C124601-02 Released: 24.02.2022
RoHS	Torque motor TMK0291 cables outputs U (interface) Moteur couple fer TMK0291 sorties de câbles U (interface)		Material: Matière:
Dimensions in mm / Cotes en mm		Mating Dimensions / Cotes d'encabrement	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715	General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK	Surfaces as per ISO 1302 Etats de surface selon ISO 1302	
	Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011	Surface treatment: Traitement de surface:	
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ETEL ETEL S.A. 2112 Môtiers SWITZERLAND			Version/Revision/Sheet/ Page 648791-08 - A-02 / 1 of 1
			Document number



(*): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

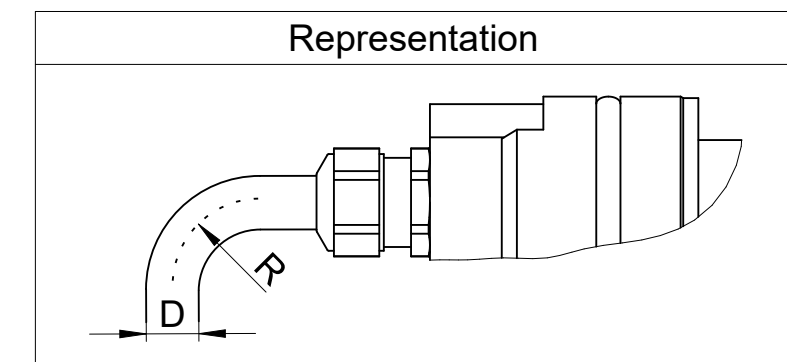
Power cable connection

Color and wire number	Function	Drawing
Black wire with number 1 or U	Phase 1 (PH1)	
Black wire with number 2 or V	Phase 2 (PH2)	
Black wire with number 3 or W	Phase 3 (PH3)	
Yellow and green wire	Ground (GND)	
Black wire with number Br1 or 5 or white cable	Neutral point wire (present only on some motor types)	
Black wire with number Br2 or 6 or black wire without label	None(**)	

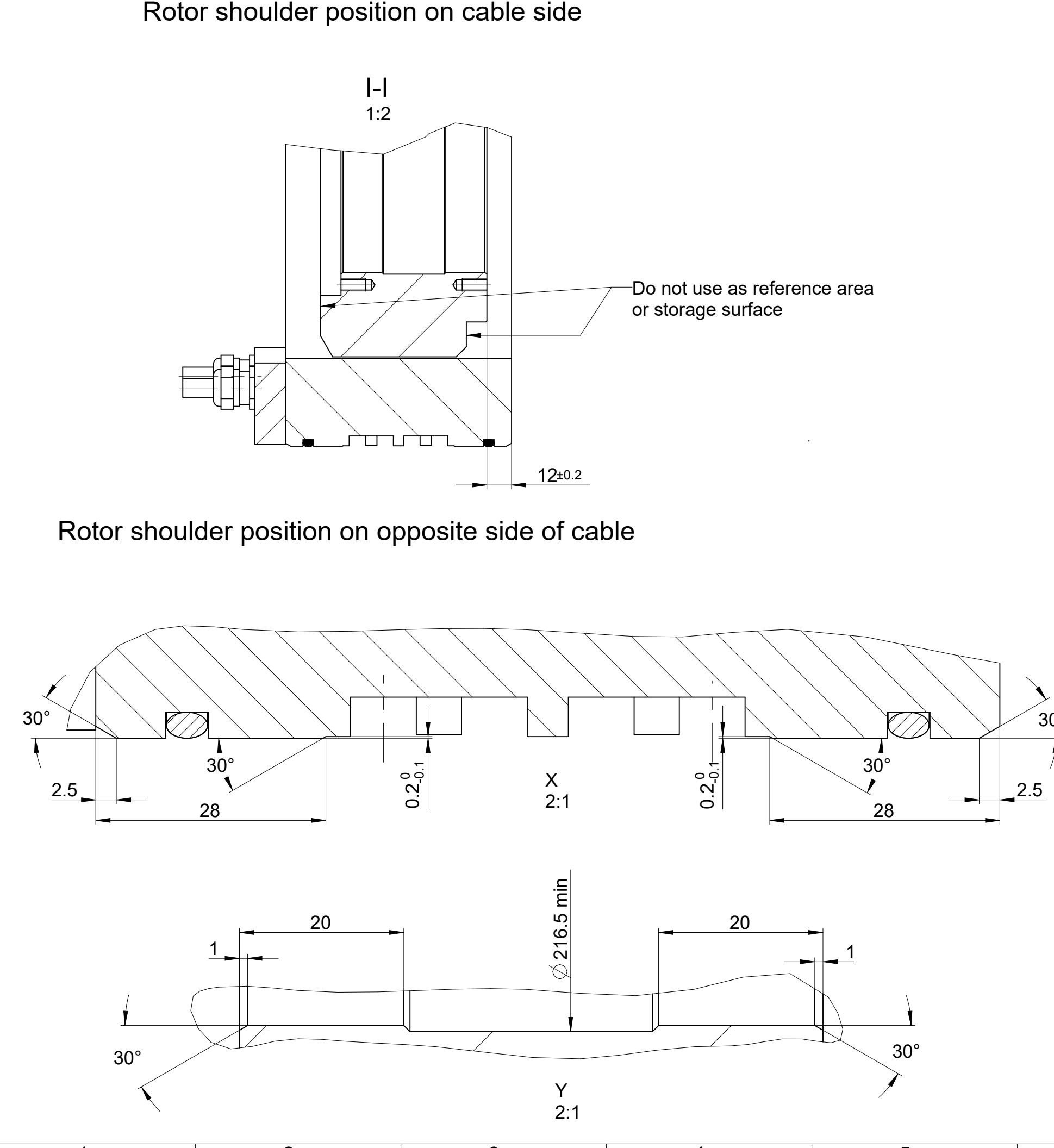
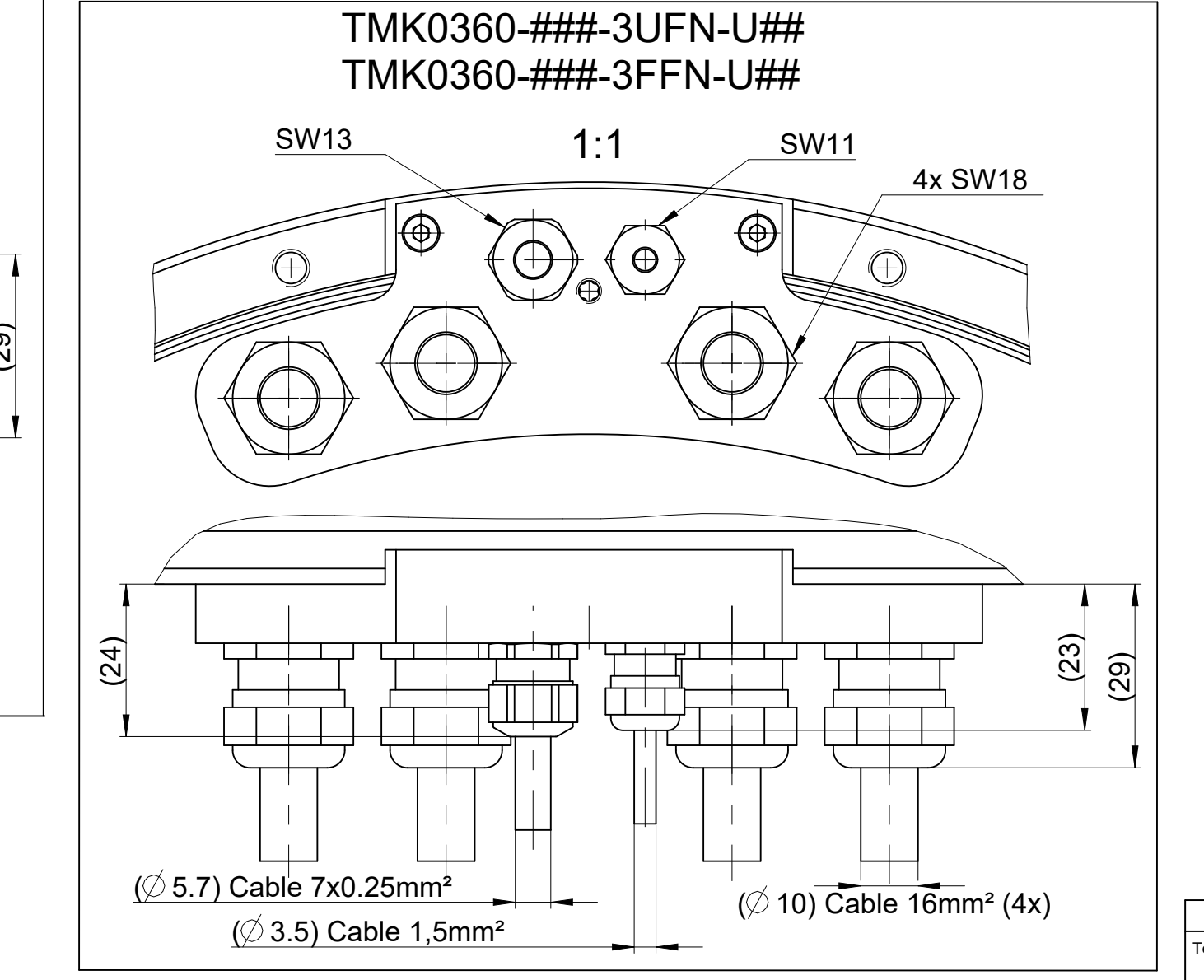
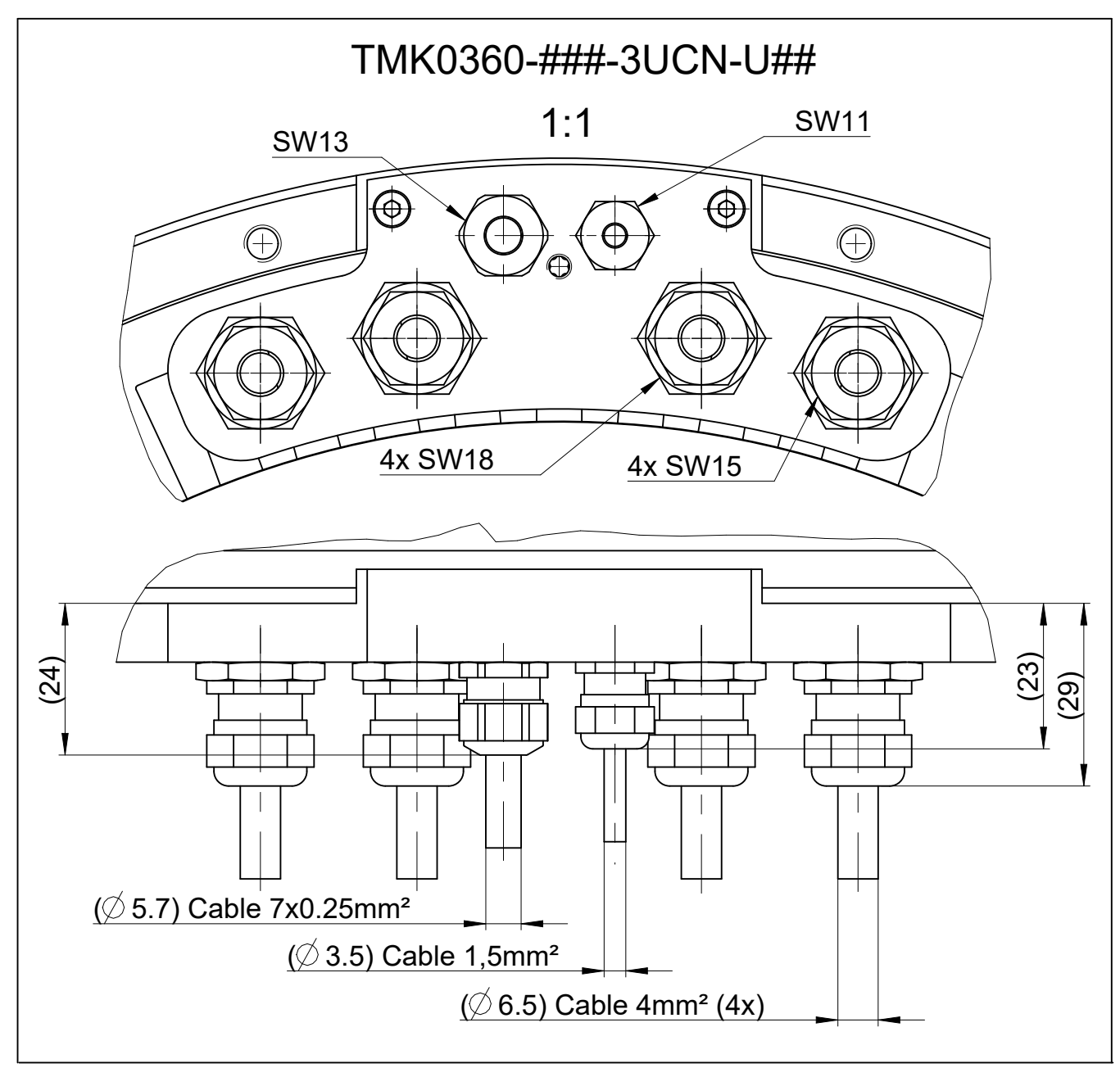
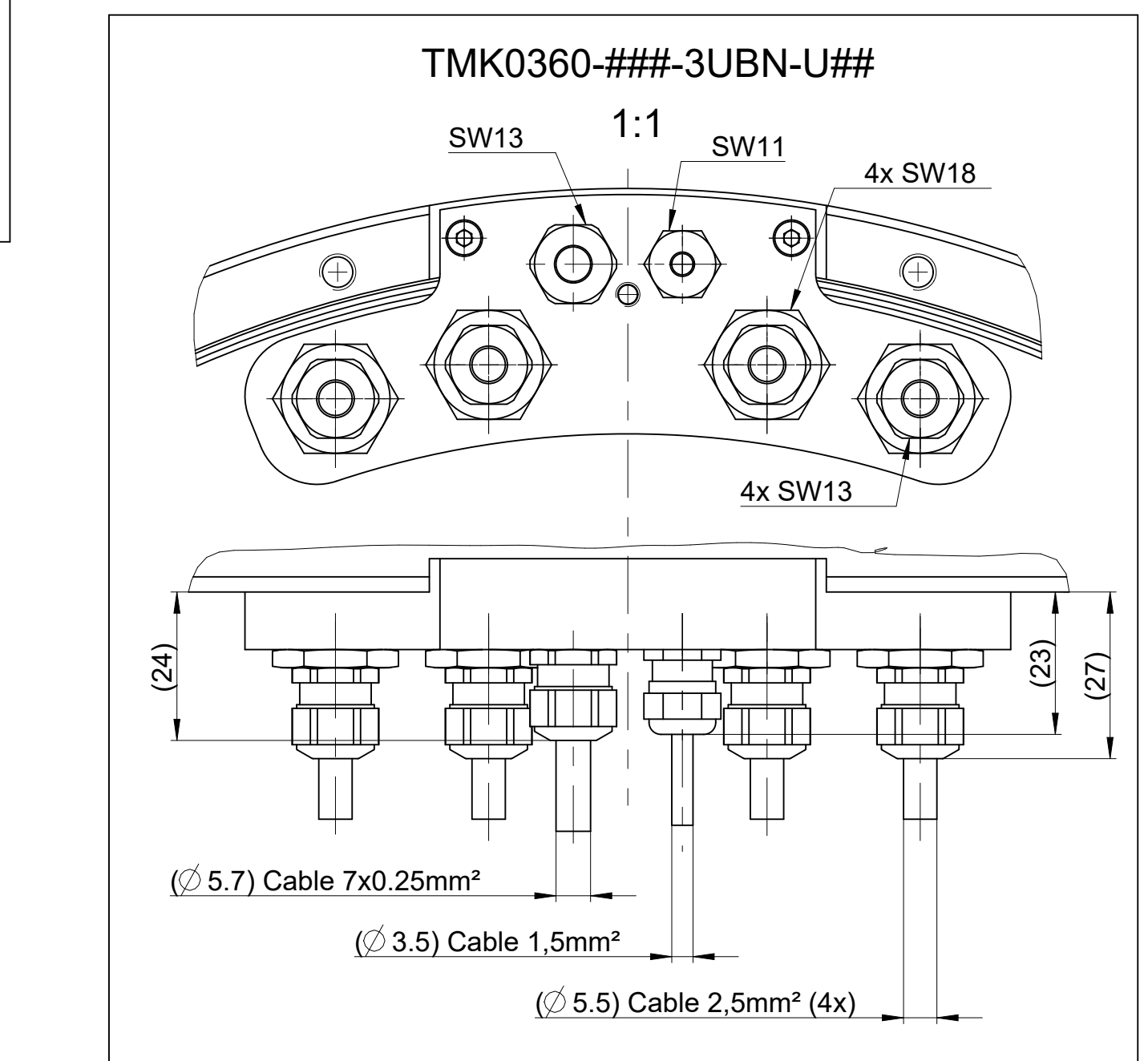
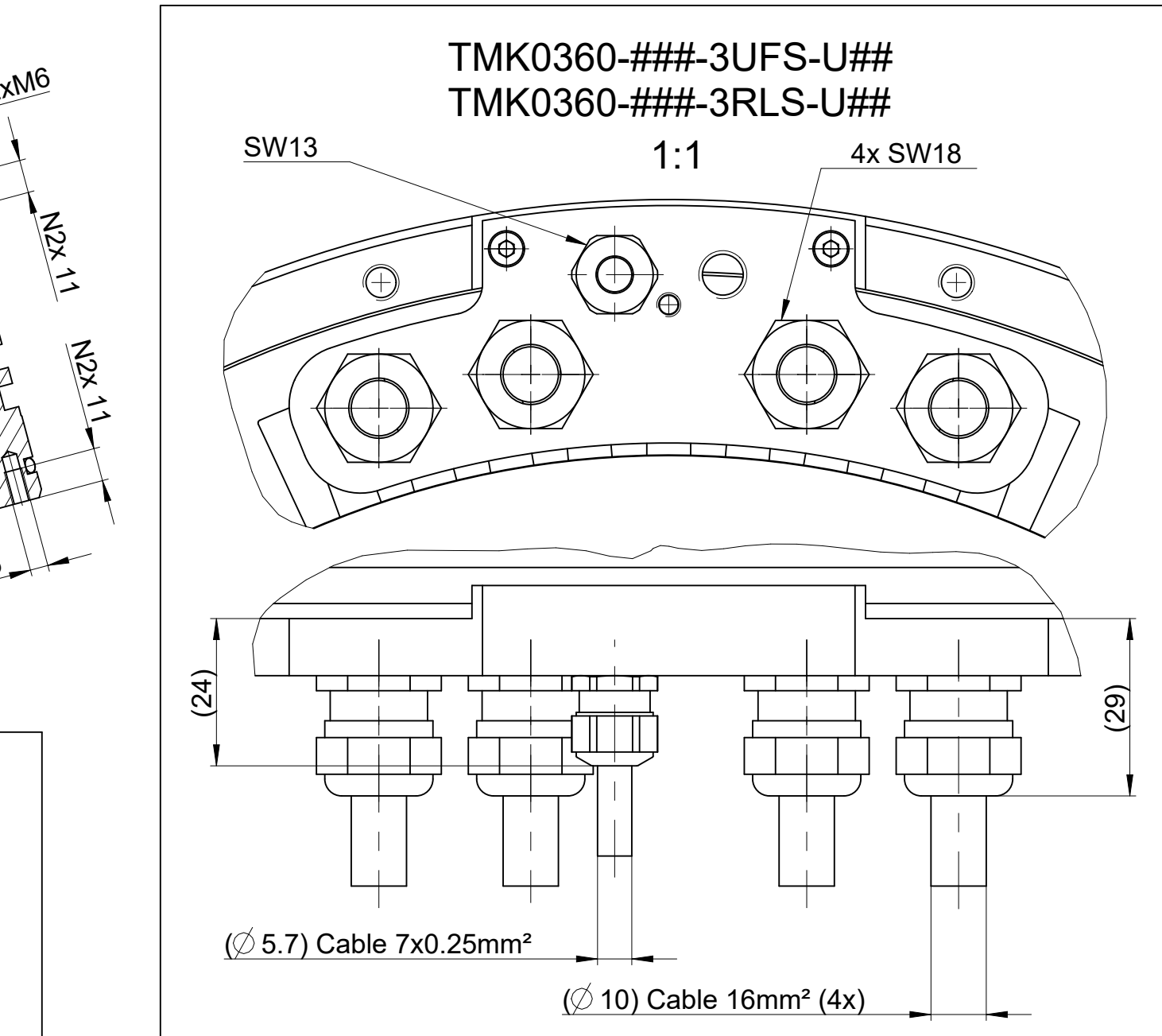
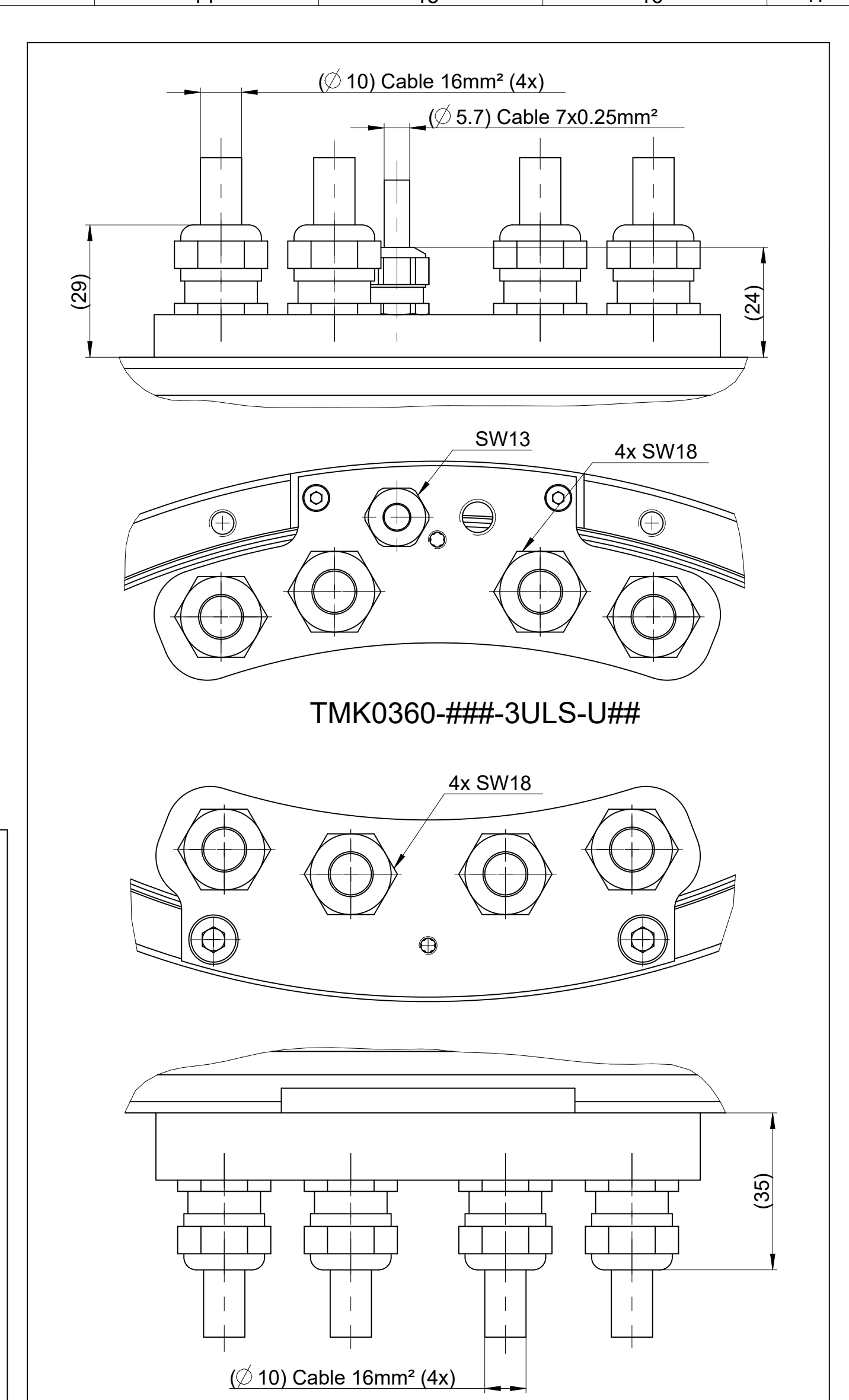
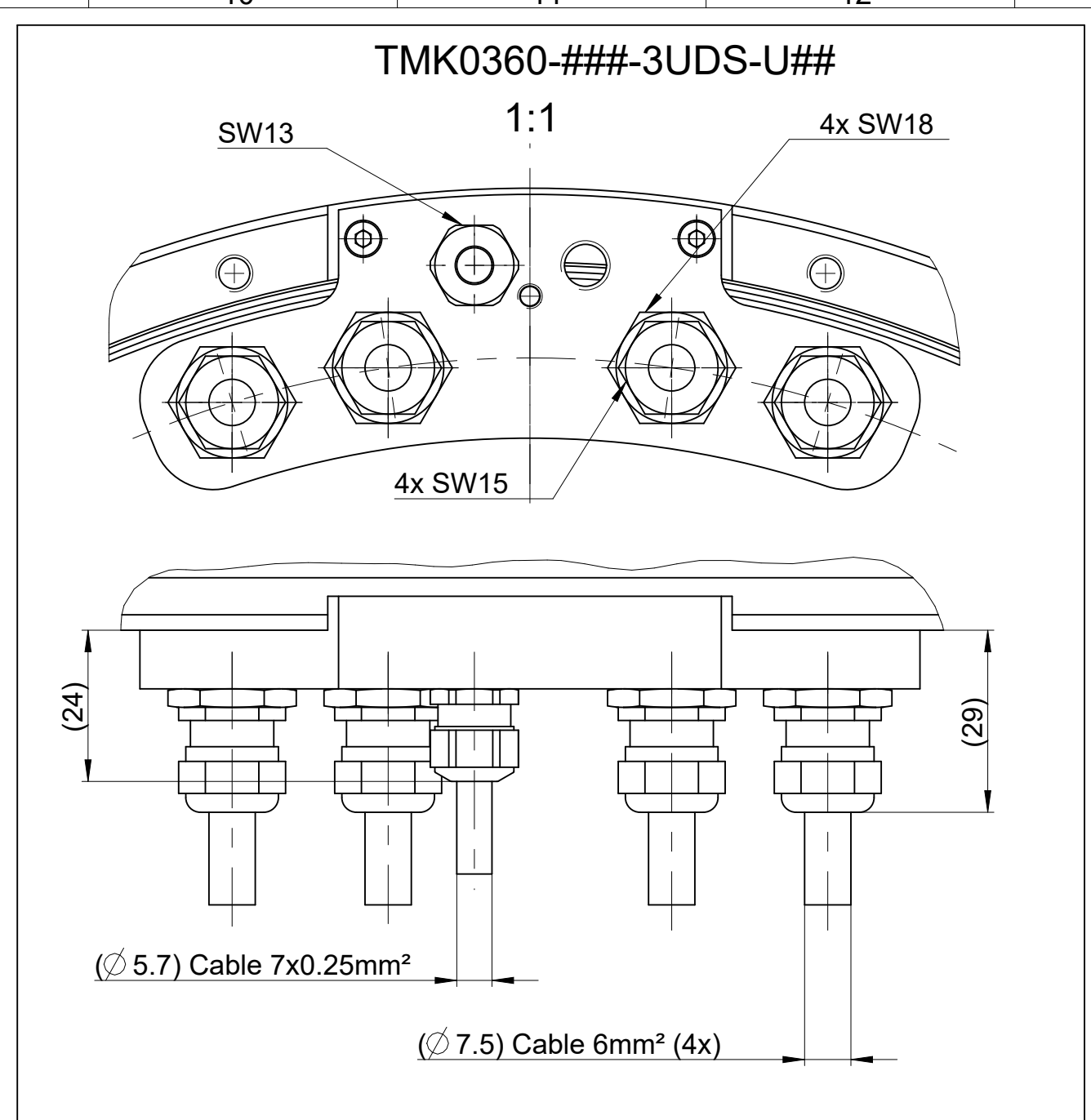
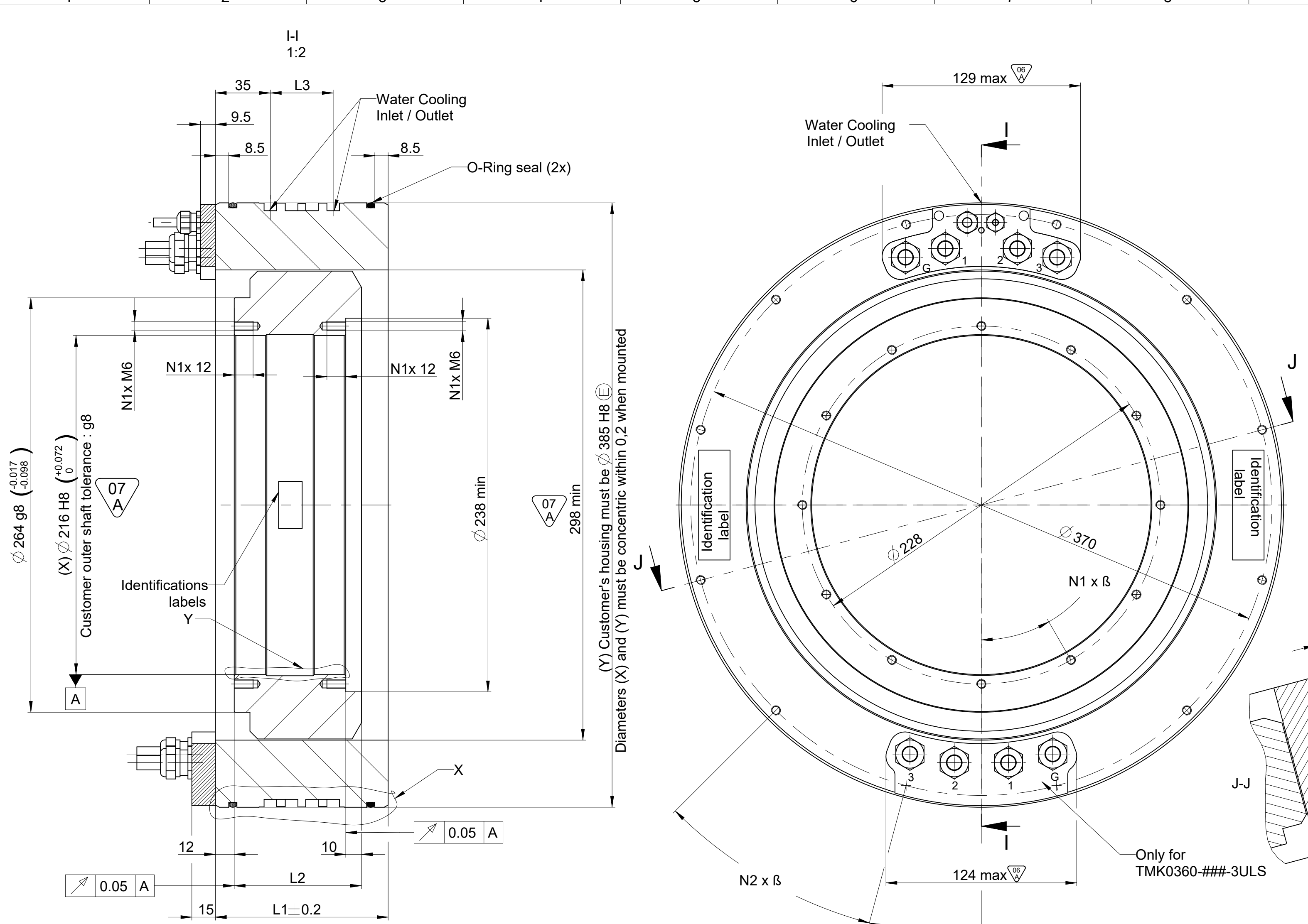
(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

Wire section (mm²)

Characteristics	1 x 1.5	1 x 2.5	1 x 4	1 x 6	1 x 10	1 x 16	Sensor cable
Applicable motors	TMK0291 TMK0360 TMK0761 TMK0991	TMK0175 TMK0291 TMK0360 TMK0530	TMK0360	TMK0175 TMK0360 TMK0530	TMK0291 TMK0530 TMK0761	TMK0360 TMK0530 TMK0761 TMK0991	All TMK
Minimum bend radius for fixed cable	R = 5 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 6 X D
Minimum bend radius for moving cable	R = 10 x D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 12 X D



Text:			ID number
Original drawing Scale: 1:1 Format: A2			Change No. C115144-05 Released: 18.09.2020
RoHS	TMK sensor config. and cables prop. (interface) TMK config. capteur et prop. câbles (interface)		Material: Matière:
Dimensions in mm / Cotes en mm			Assembly Drawing / Dessin d'ensemble
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK	Surfaces as per ISO 1302 Etats de surface selon ISO 1302
		Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011	Surface treatment: Traitement de surface:
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ETEL S.A. 2112 Môtiers SWITZERLAND			Version Revision Sheet Page 1328572-00-A-01 1 1 of 1
Document number			



PRODUCT	L1	L2	L3	N1	N2	β
TMK0360-050	110	81	40	12	12	30
TMK0360-070	130	101	60	12	12	30
TMK0360-100	160	131	90	24	24	15
TMK0360-150	210	181	140	24	24	15

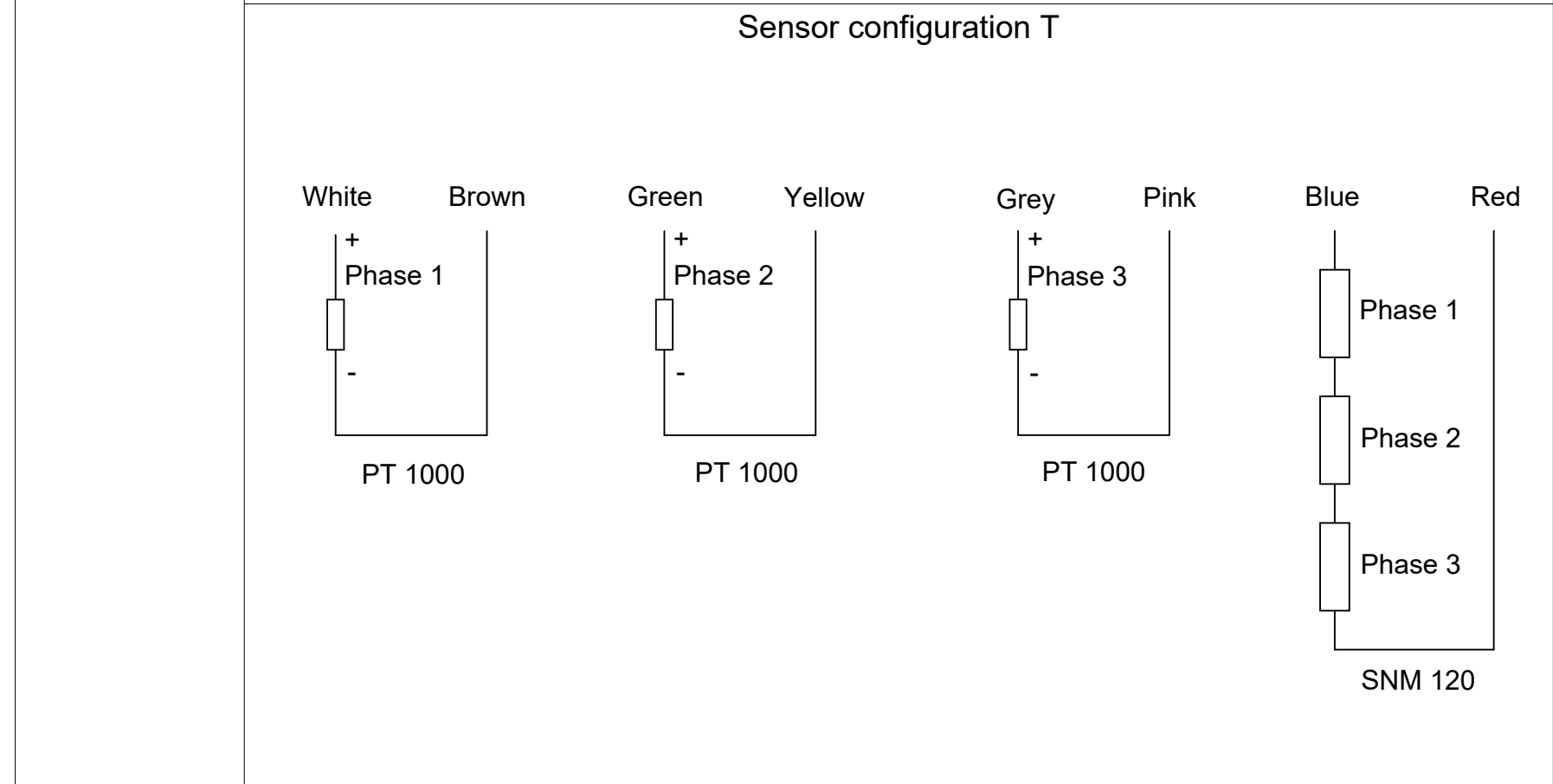
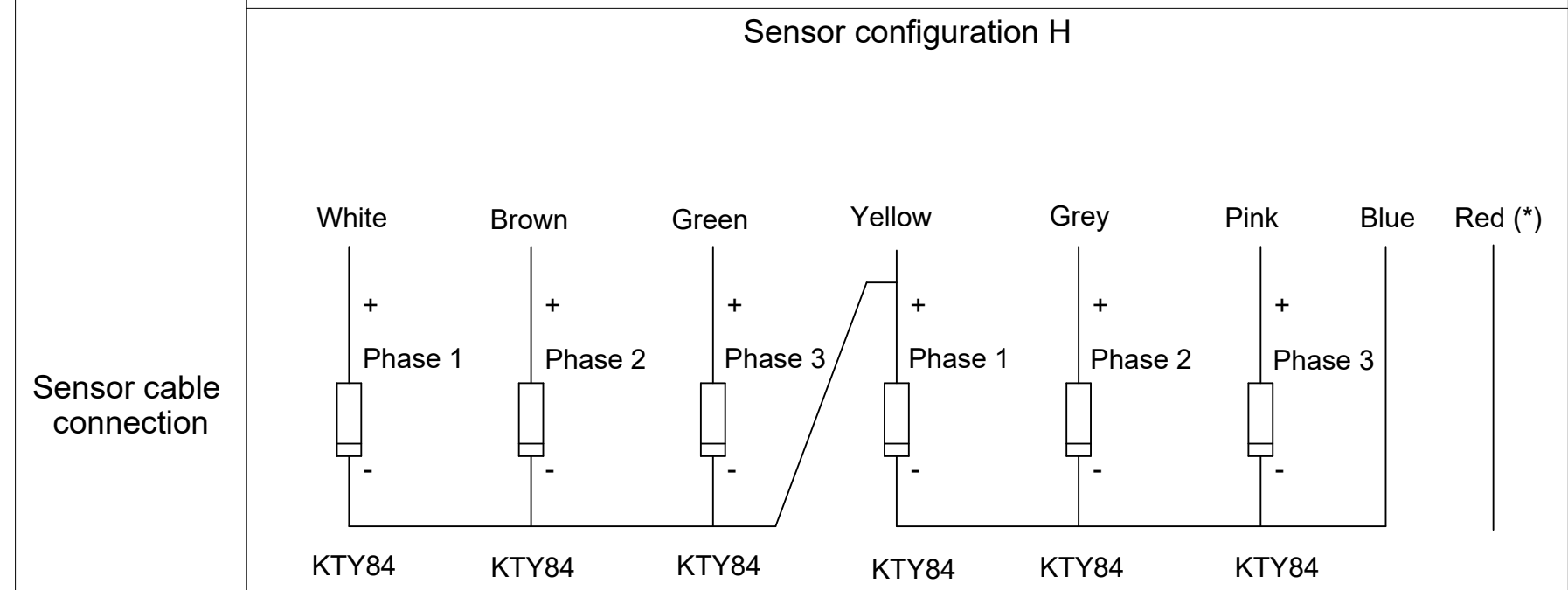
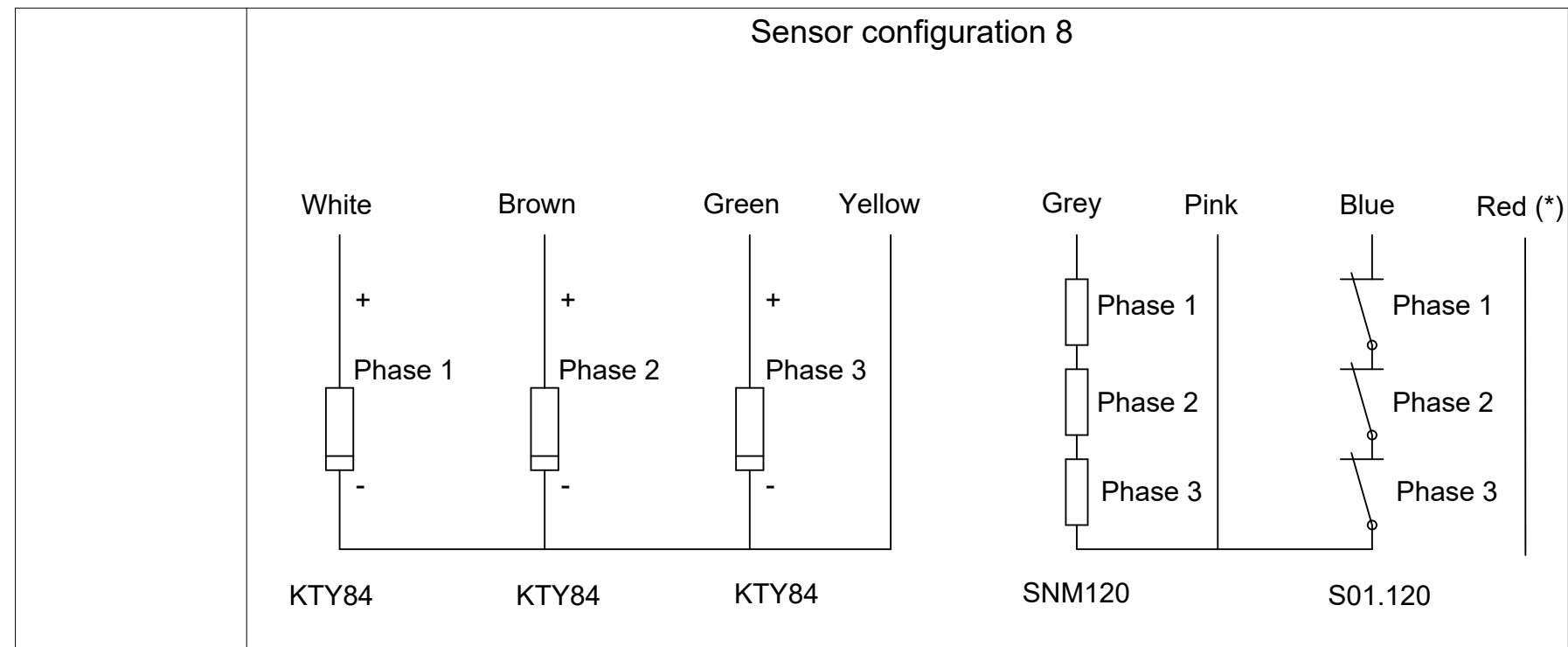
Text:

Original drawing	Scale	Format	ID number
RoHS	1:1	A1	Change No. C124601-03 Released: 24.02.2022
Dimensions in mm / Cotes en mm		Mating Dimensions / Cotes d'encastrement	
General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK		Surfaces as per ISO 1302 Etats de surface selon ISO 1302	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:	

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SWITZERLAND

648543-07 - A-01
Document number



(*): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

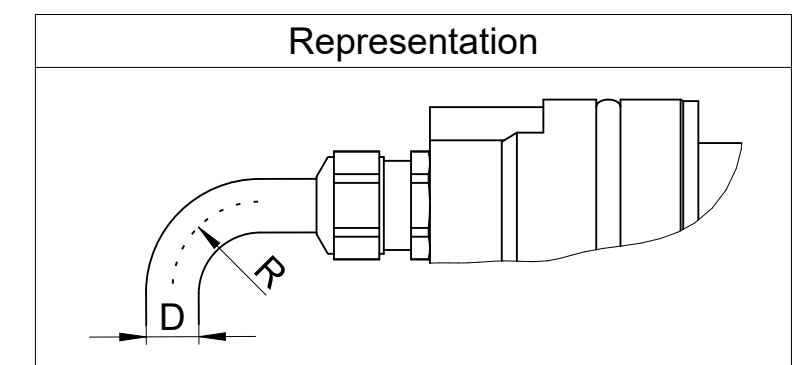
Power cable connection

Color and wire number	Function	Drawing
Black wire with number 1 or U	Phase 1 (PH1)	
Black wire with number 2 or V	Phase 2 (PH2)	
Black wire with number 3 or W	Phase 3 (PH3)	
Yellow and green wire	Ground (GND)	
Black wire with number Br1 or 5 or white cable	Neutral point wire (present only on some motor types)	
Black wire with number Br2 or 6 or black wire without label	None(**)	

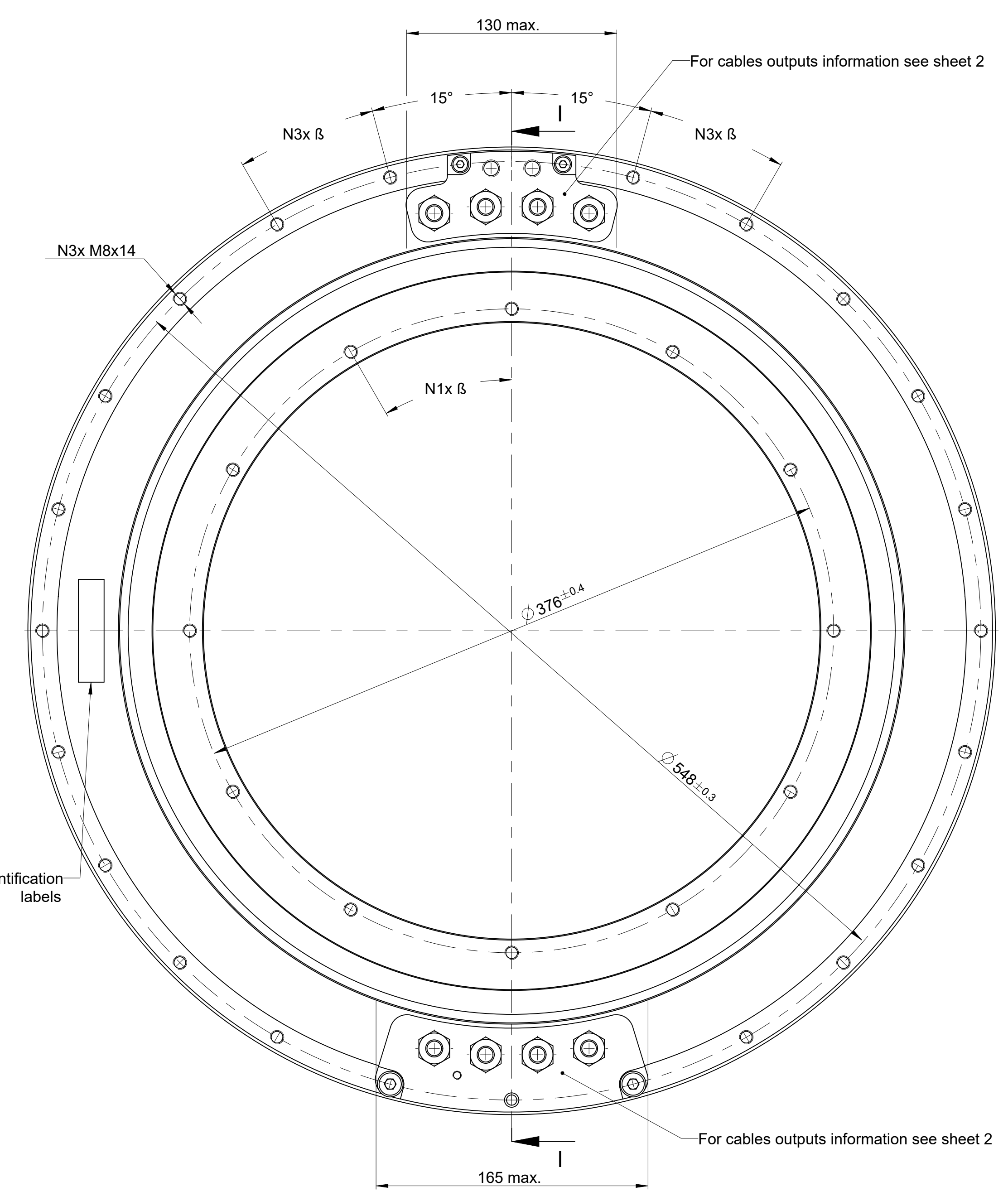
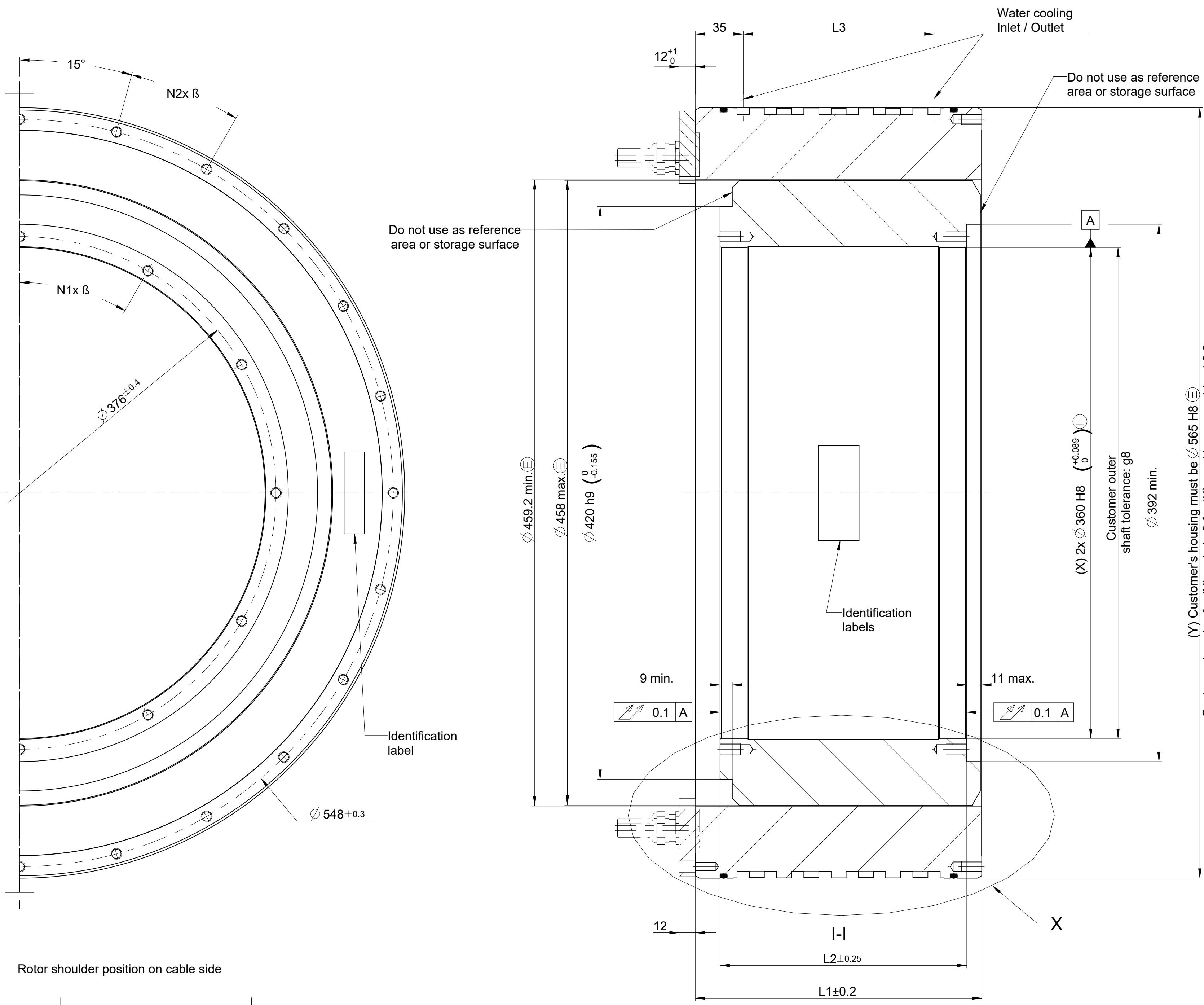
(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

Wire section (mm²)

Characteristics	1 x 1.5	1 x 2.5	1 x 4	1 x 6	1 x 10	1 x 16	Sensor cable
Applicable motors	TMK0291 TMK0360 TMK0761 TMK0991	TMK0175 TMK0291 TMK0360 TMK0530	TMK0360	TMK0175 TMK0360 TMK0530	TMK0291 TMK0530 TMK0761	TMK0360 TMK0530 TMK0761 TMK0991	All TMK
Minimum bend radius for fixed cable	R = 5 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 6 X D
Minimum bend radius for moving cable	R = 10 x D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 12 X D

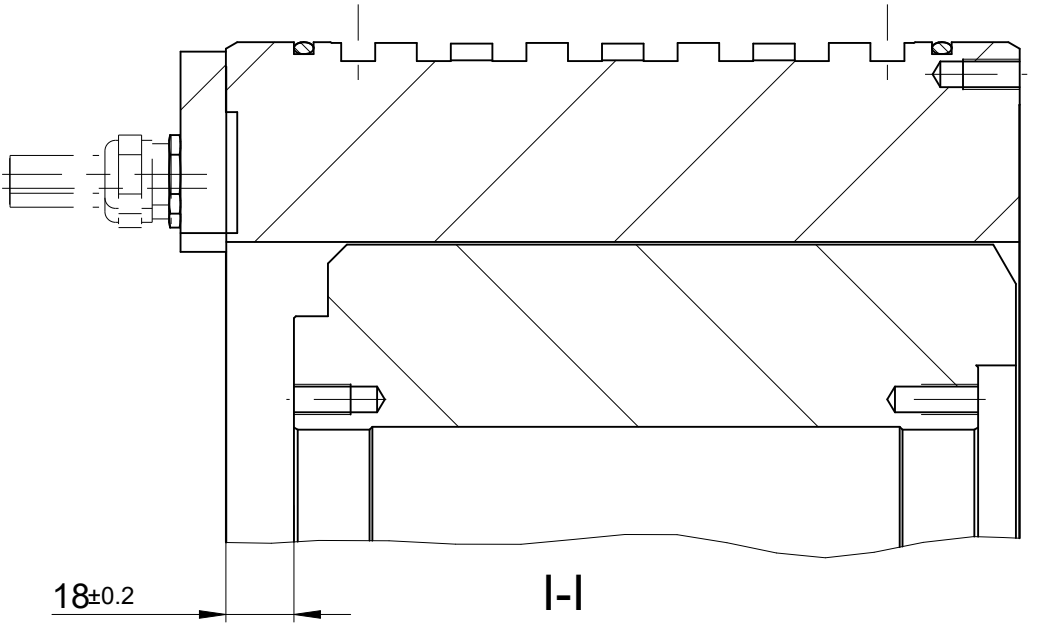


Text:		Original drawing Scale: 1:1 Format: A2		TMK sensor config. and cables prop. (interface)		ID number	
RoHS		1:1 A2		TMK config. capteur et prop. câbles (interface)		Change No. C115144-05 Released: 18.09.2020	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK		Surfaces as per ISO 1302 Etats de surface selon ISO 1302		Material: Matière:	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:		Version/Revision/Sheet		Page	
ETEL		ETEL S.A. 2112 Môtiers SWITZERLAND		1328572-00-A-01		1 of 1	
				Document number			

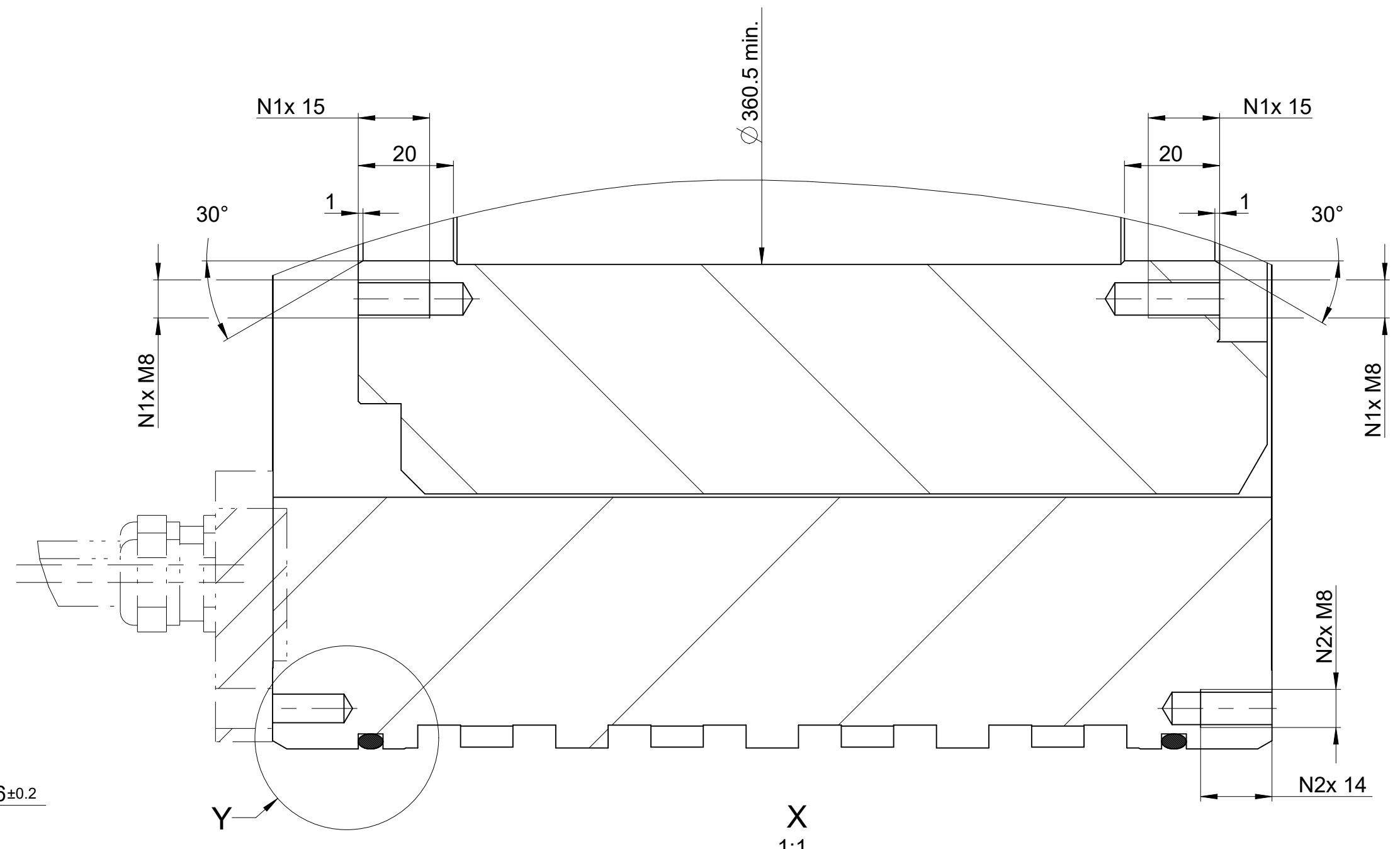
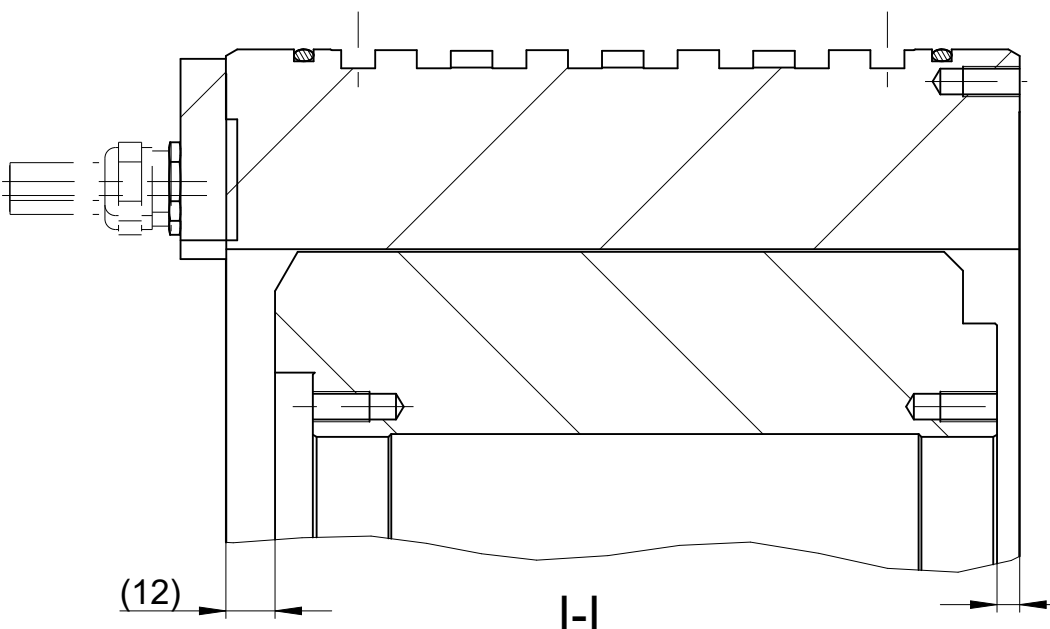


(Y) Customer's housing must be $\varnothing 565 \text{ H8}$ (E)
Customer housing for (Y) and shaft for (X) must be concentric at 0.3

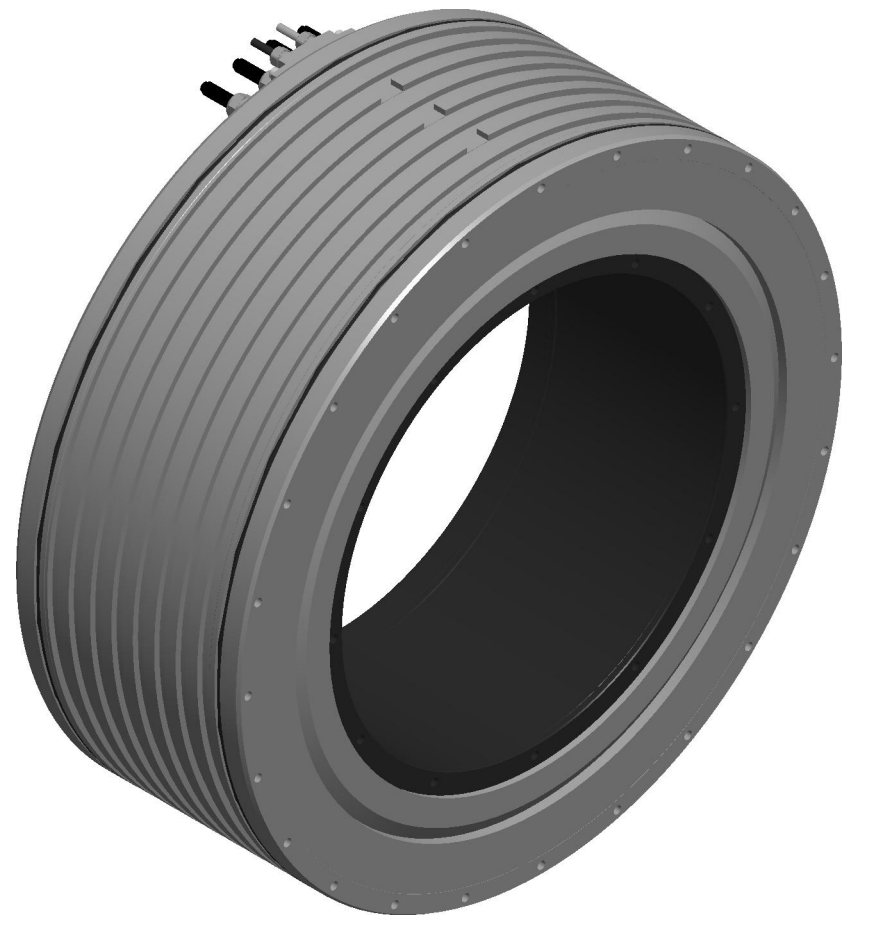
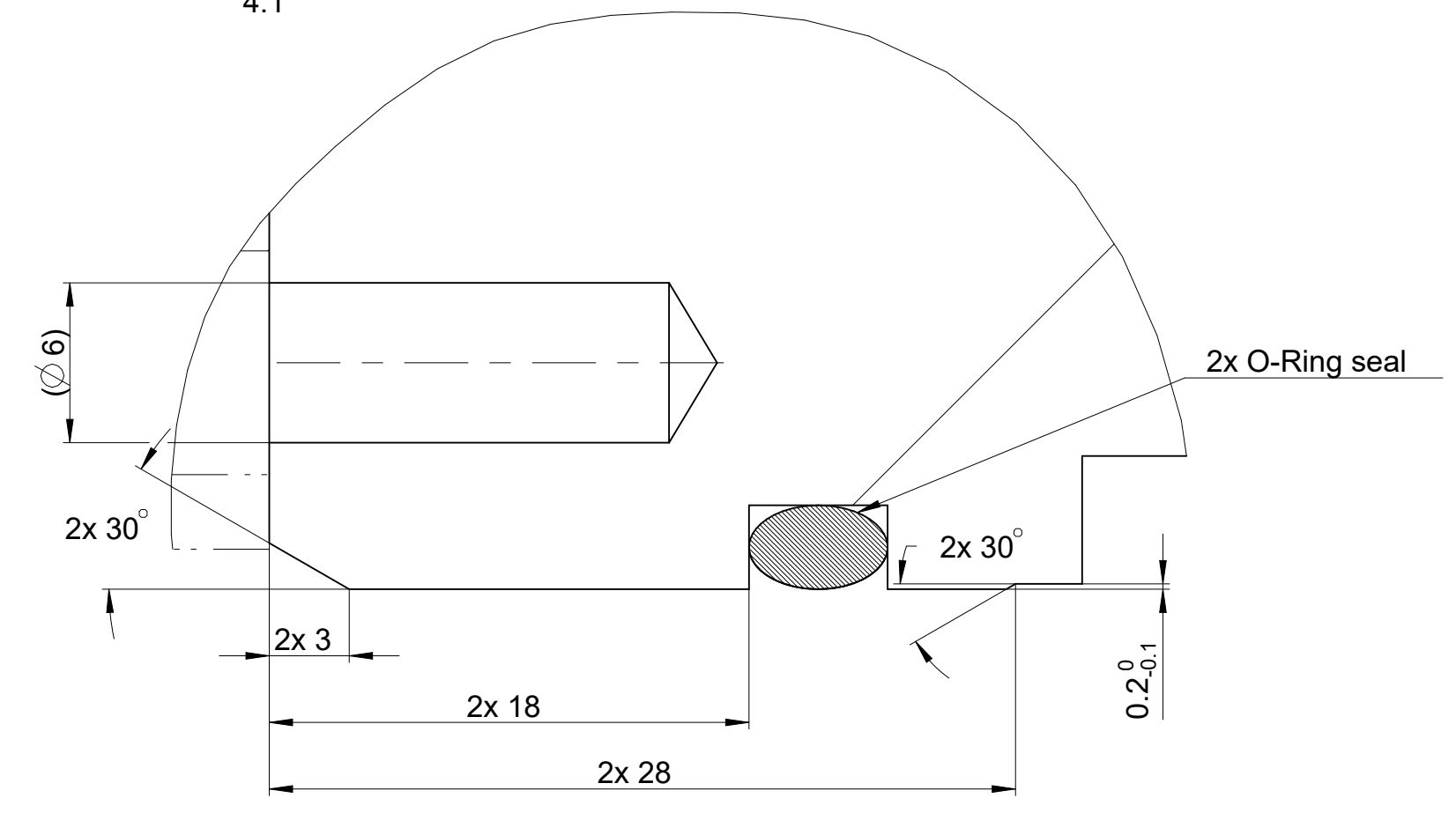
Rotor shoulder position on cable side



Rotor shoulder position on opposite side of cable



Y Same dimensions on the right side
4:1

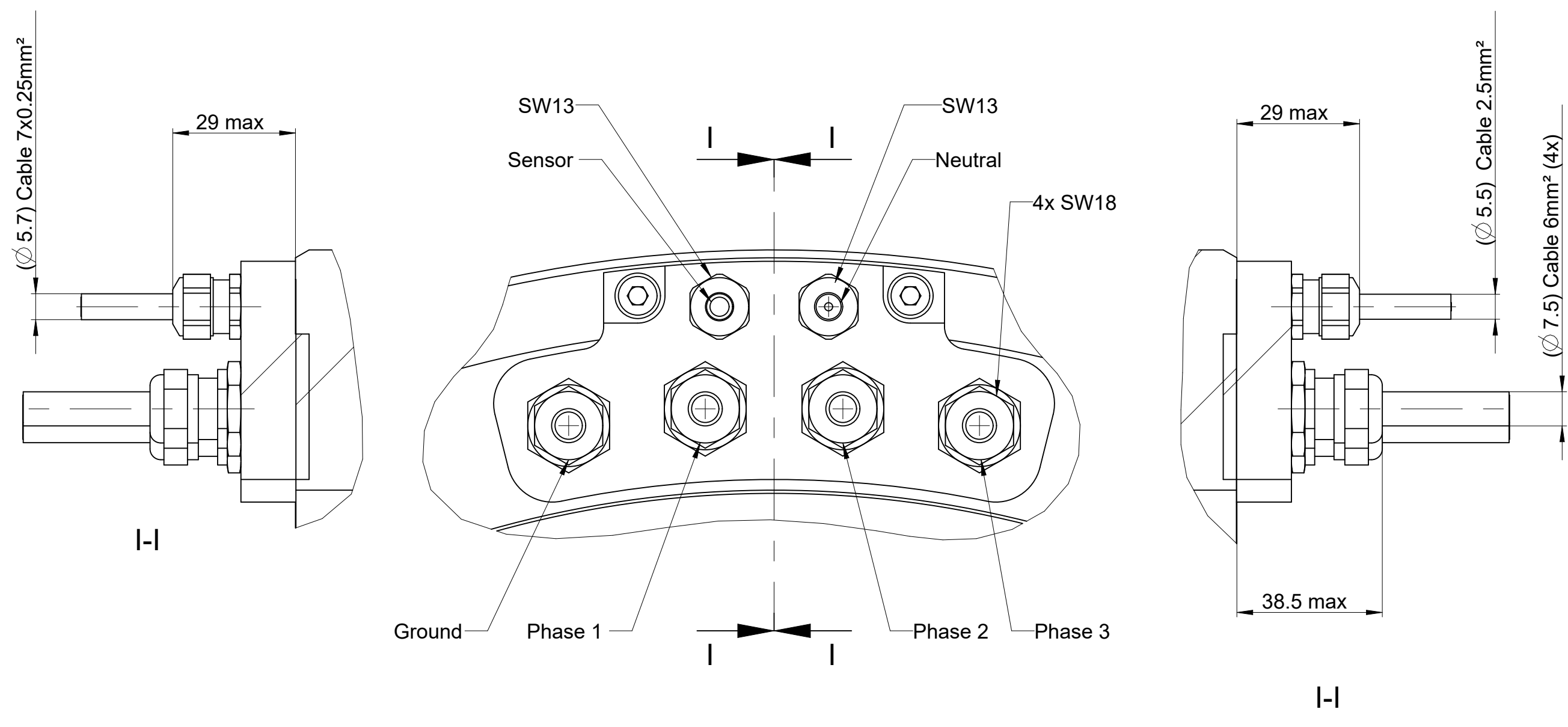


⚠ Use M8 screws with 12.9 quality to assemble rotor and stator

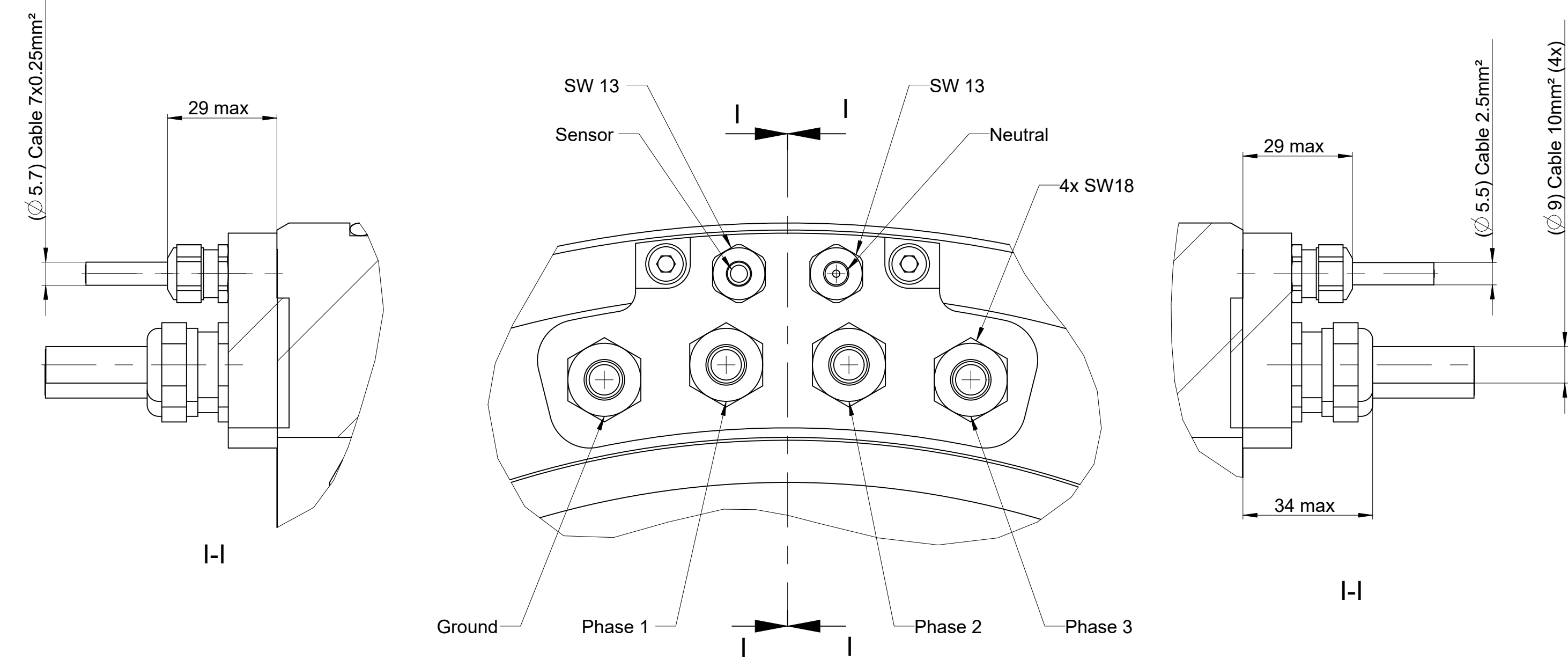
PRODUCT	L1	L2	L3	N1	N2	N3	β
TMK-0530-050	110	81	40	12	12	5	30°
TMK-0530-070	130	101	60	12	12	5	30°
TMK-0530-100	160	131	90	24	24	10	15°
TMK-0530-150	210	181	140	24	24	10	15°

Text:		ID number
Original drawing	Scale	Format
RoHS	1:1	A1
Dimensions in mm / Cotes en mm		Mating Dimensions / Cotes d'encombrement
Workpiece edges ISO 13715	General tolerances ISO 2768-mK	Surfaces as per ISO 1302
Arêtes de formes selon ISO 13715	Tolérances générales ISO 2768-mK	Etats de surface selon ISO 1302
-0.1 L±0.3	+0.3 L±0.0	Surface treatment: Traitement de surface:
Tolerances as per ISO 8015: 2011		Tolérances selon ISO 8015: 2011
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ETEL S.A. 2112 Möhlers SWITZERLAND		Version/Revision/Sheet/ Page 677923-05-A-01 1 of 1

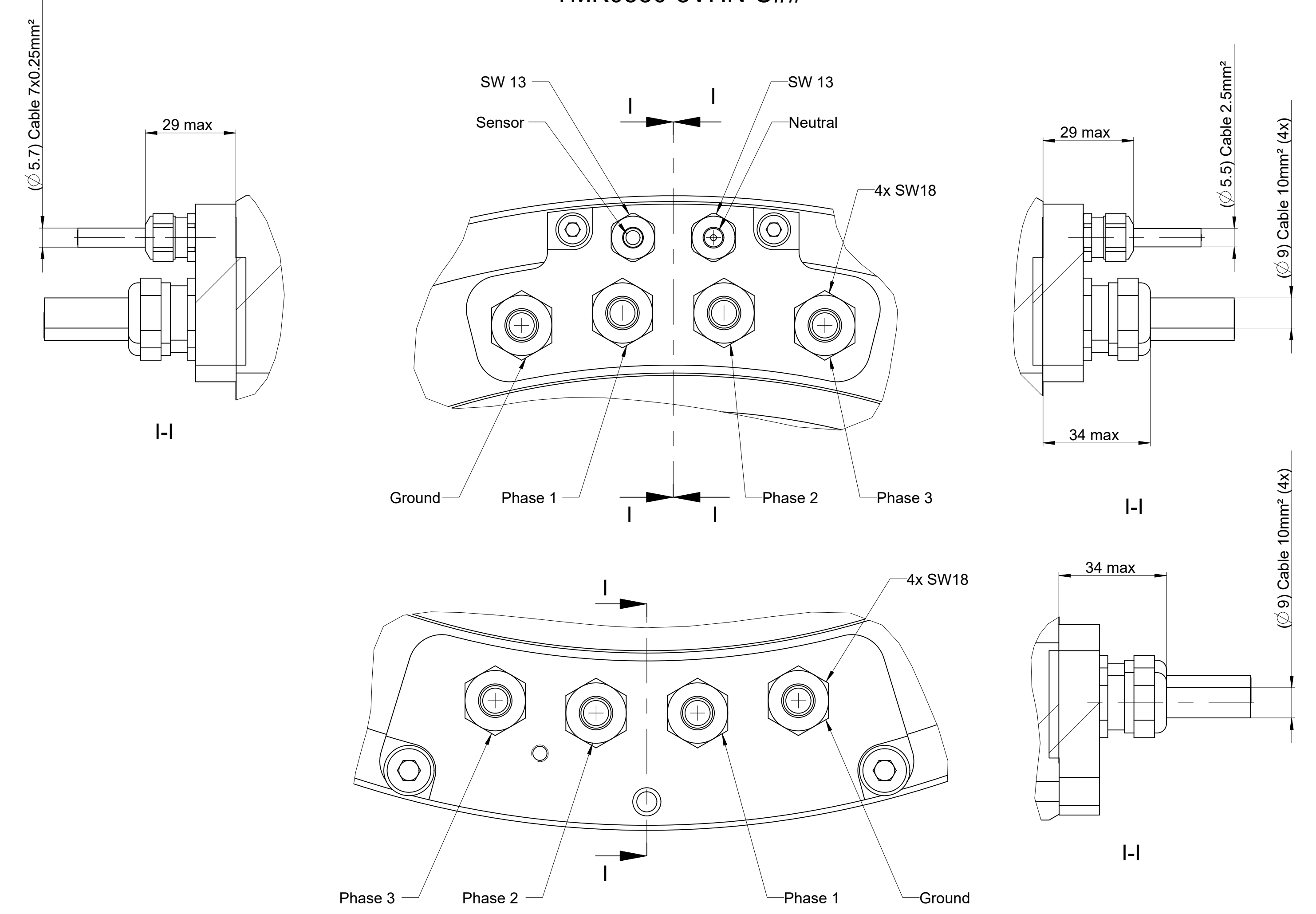
TMK0530-3UDN-U## and 3SDN-U##



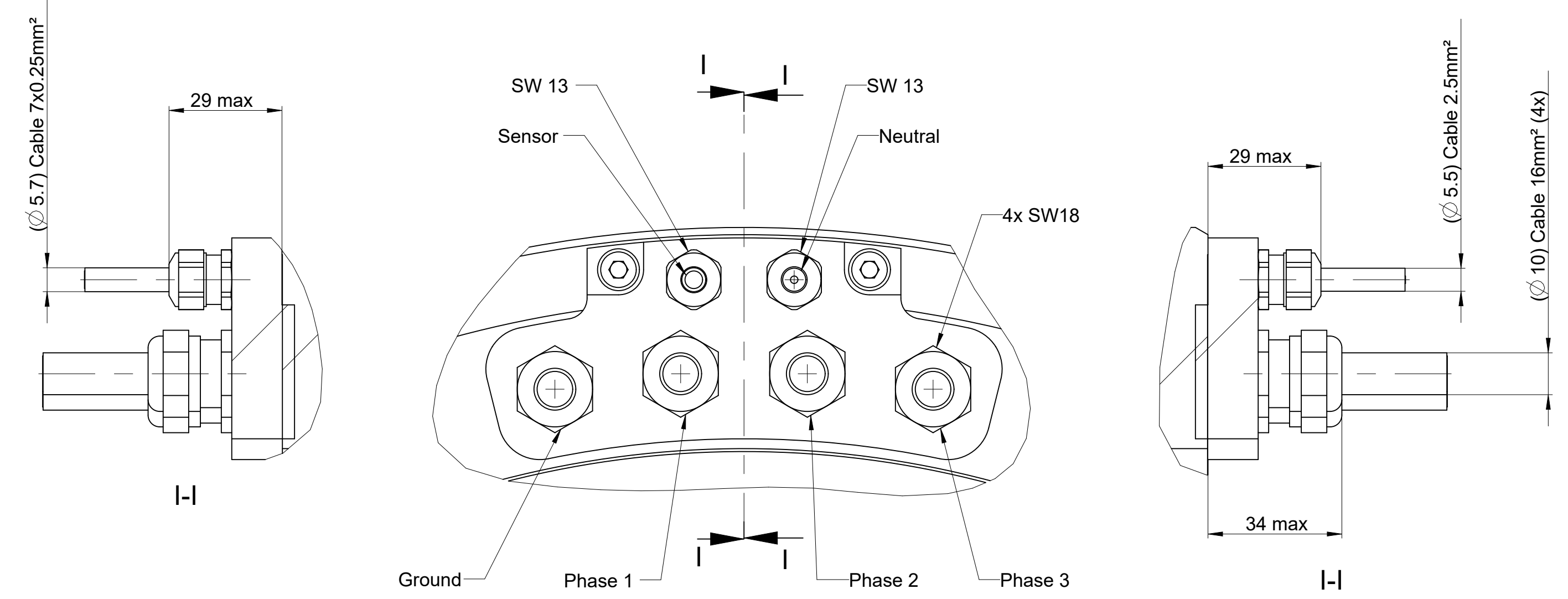
TMK0530-3VDN-U##



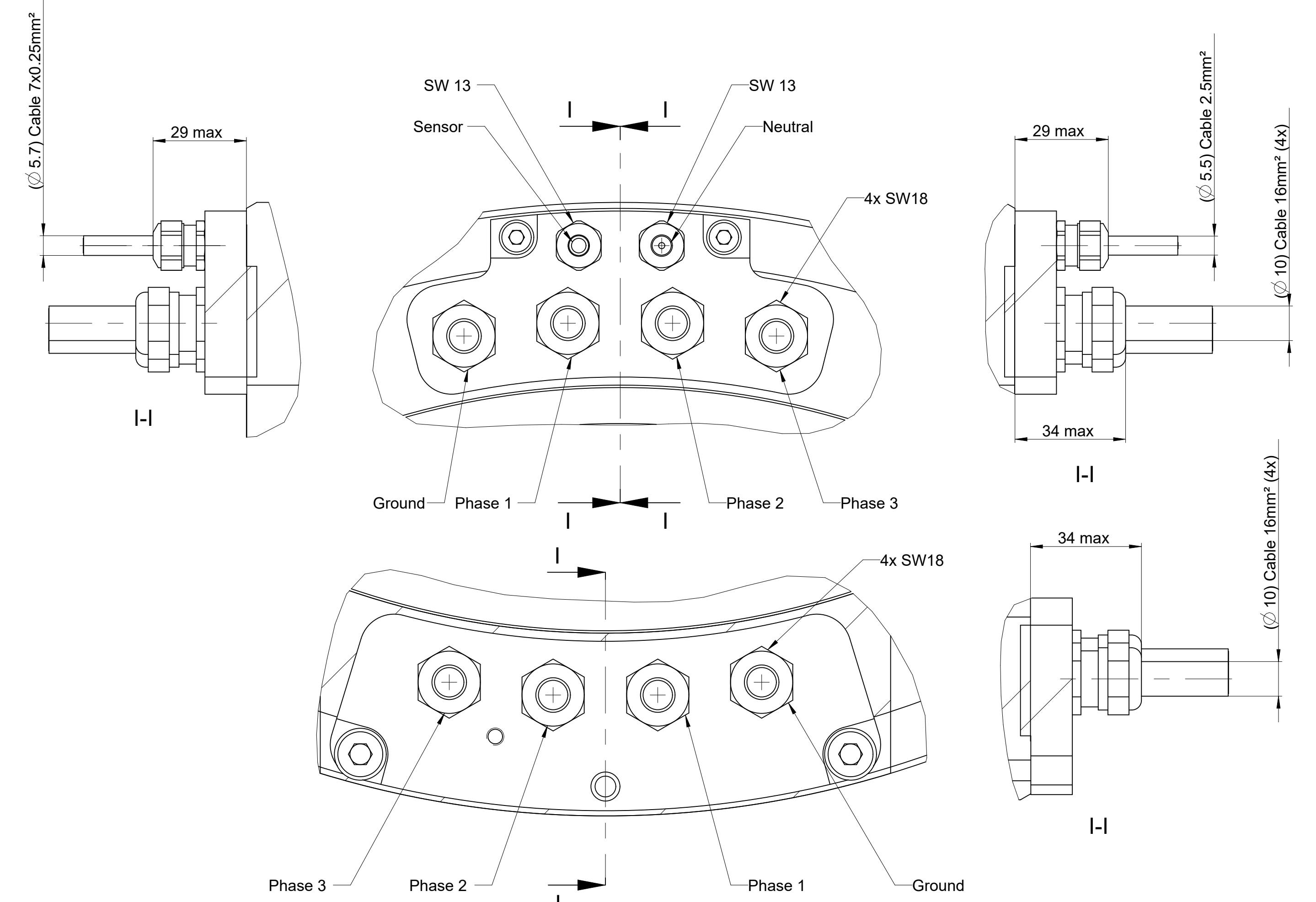
TMK0530-3VHN-U##



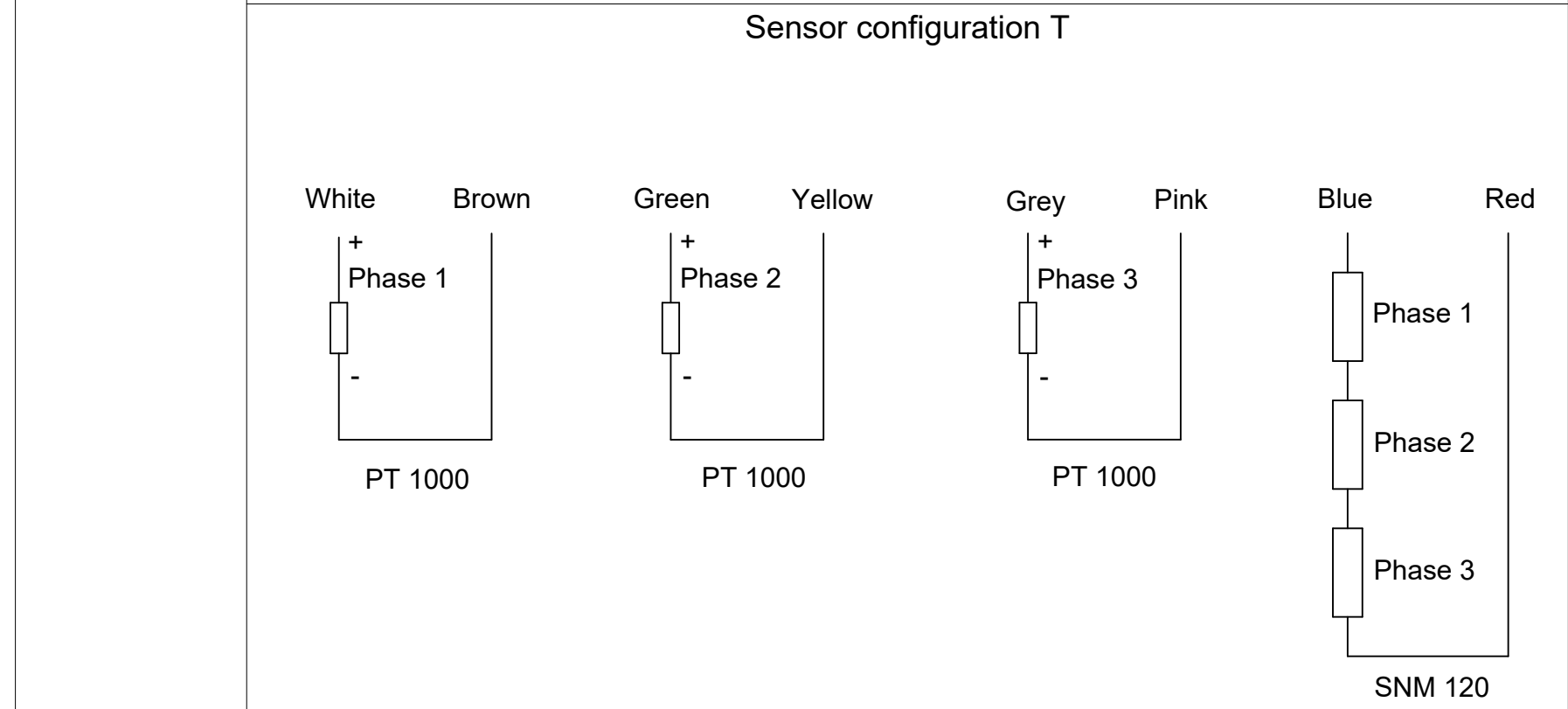
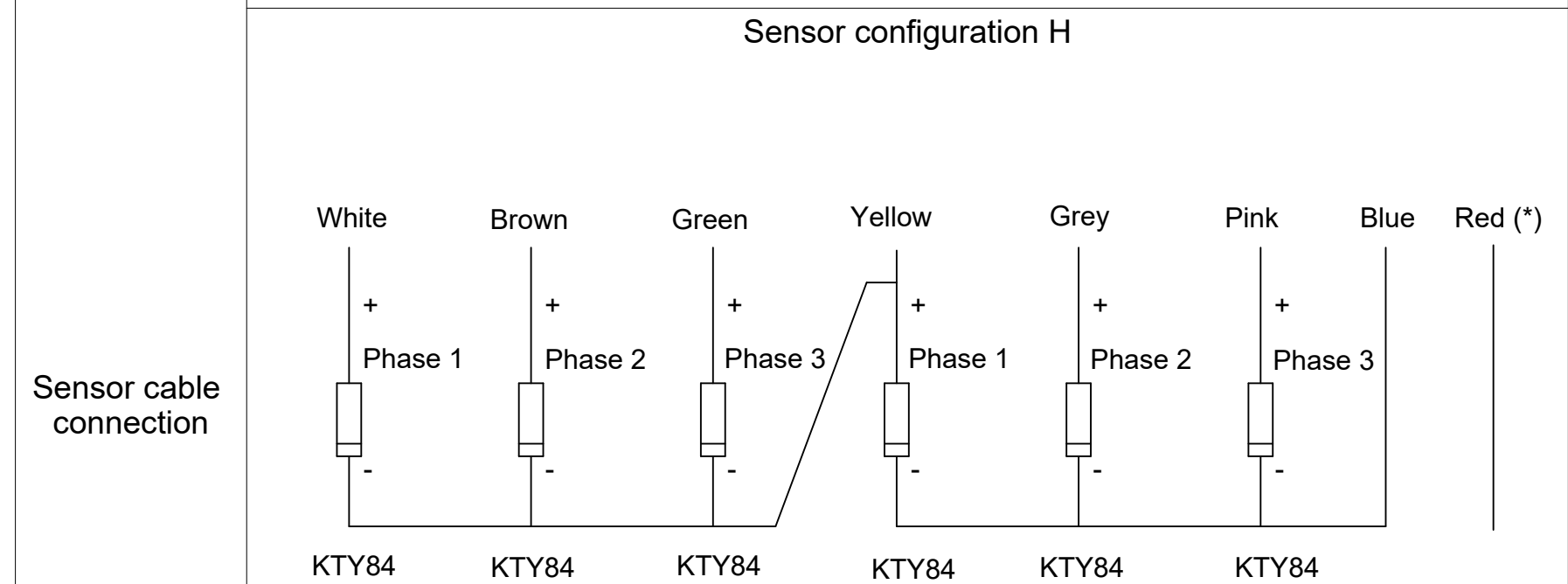
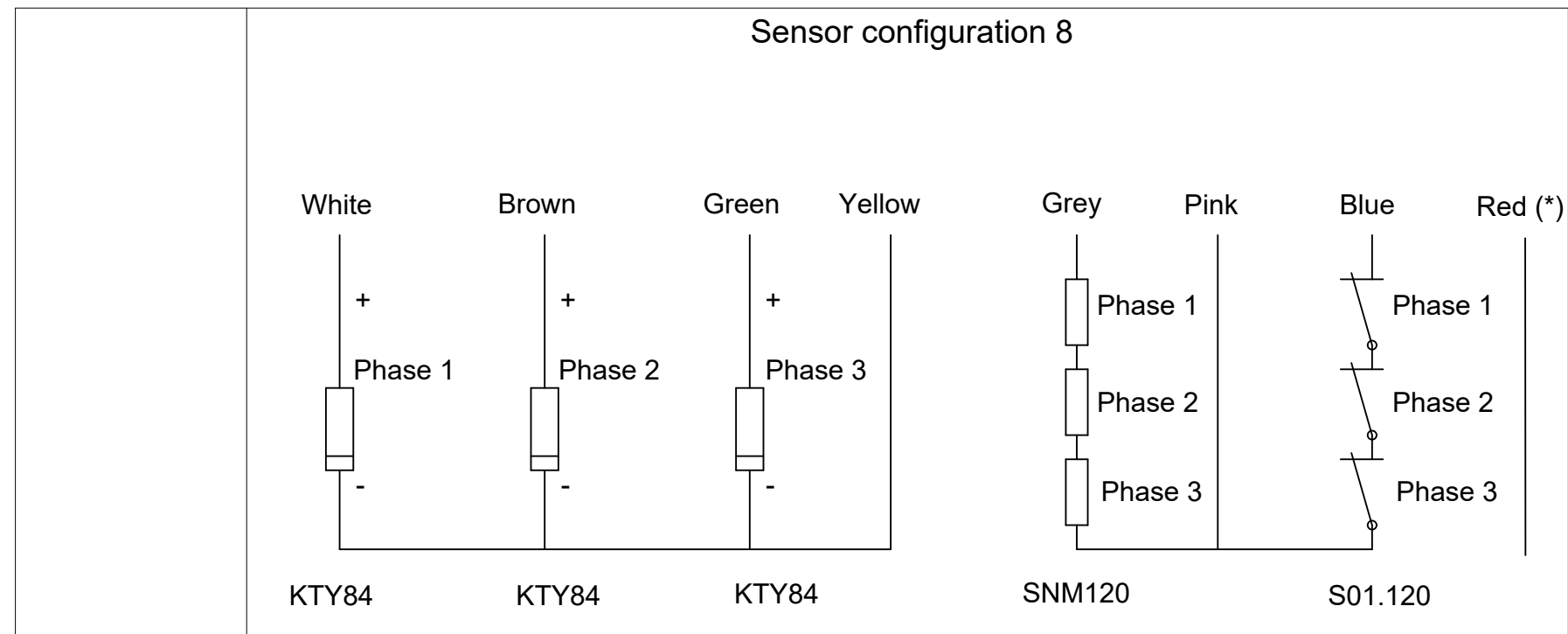
TMK0530-3UHN-U## and 3THN-U##



TMK0530-3TPN-U## and 3UPN-U##



Text		ID number
Original drawing	Torque motor TMK0530 cables outputs (interface)	Change No. C115144-04
Scale 1:1	Format A0	Released: 18.09.2020
RoHS	Moteur coupleur fer TMK0530 sorties de câbles (interface)	Material:
Material:		Matere:
Dimensions in mm / Cotes en mm	Mating Dimensions / Cotes d'assemblage	
Workpiece edges ISO 13715	General tolerances ISO 2768-mS	Surface as per ISO 1302
Etats de formes selon ISO 13715	Tolérances géométriques ISO 2768-mK	Etats de surface selon ISO 1302
±0.1	±0.3	±0.3
±0.3	±0.0	±0.0
Tolerances as per ISO 8015:2011	Tolerances selon ISO 8015:2011	Surface treatment / Traitement de surface
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ETEL S.A. 2112 Môtres SWITZERLAND		677923-05-A-02 Document number



(*): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

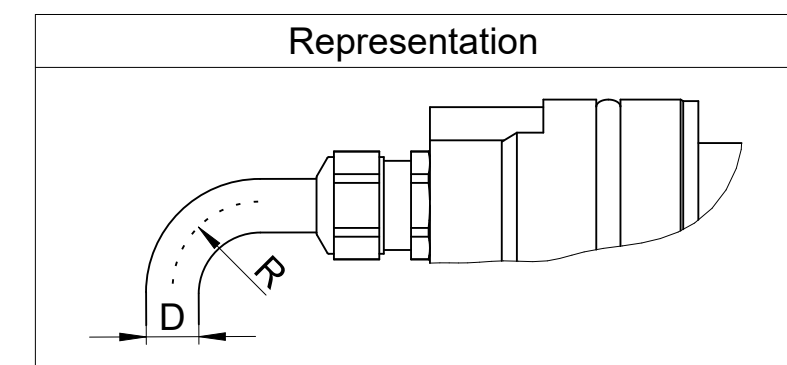
Power cable connection

Color and wire number	Function	Drawing
Black wire with number 1 or U	Phase 1 (PH1)	
Black wire with number 2 or V	Phase 2 (PH2)	
Black wire with number 3 or W	Phase 3 (PH3)	
Yellow and green wire	Ground (GND)	
Black wire with number Br1 or 5 or white cable	Neutral point wire (present only on some motor types)	
Black wire with number Br2 or 6 or black wire without label	None(**)	

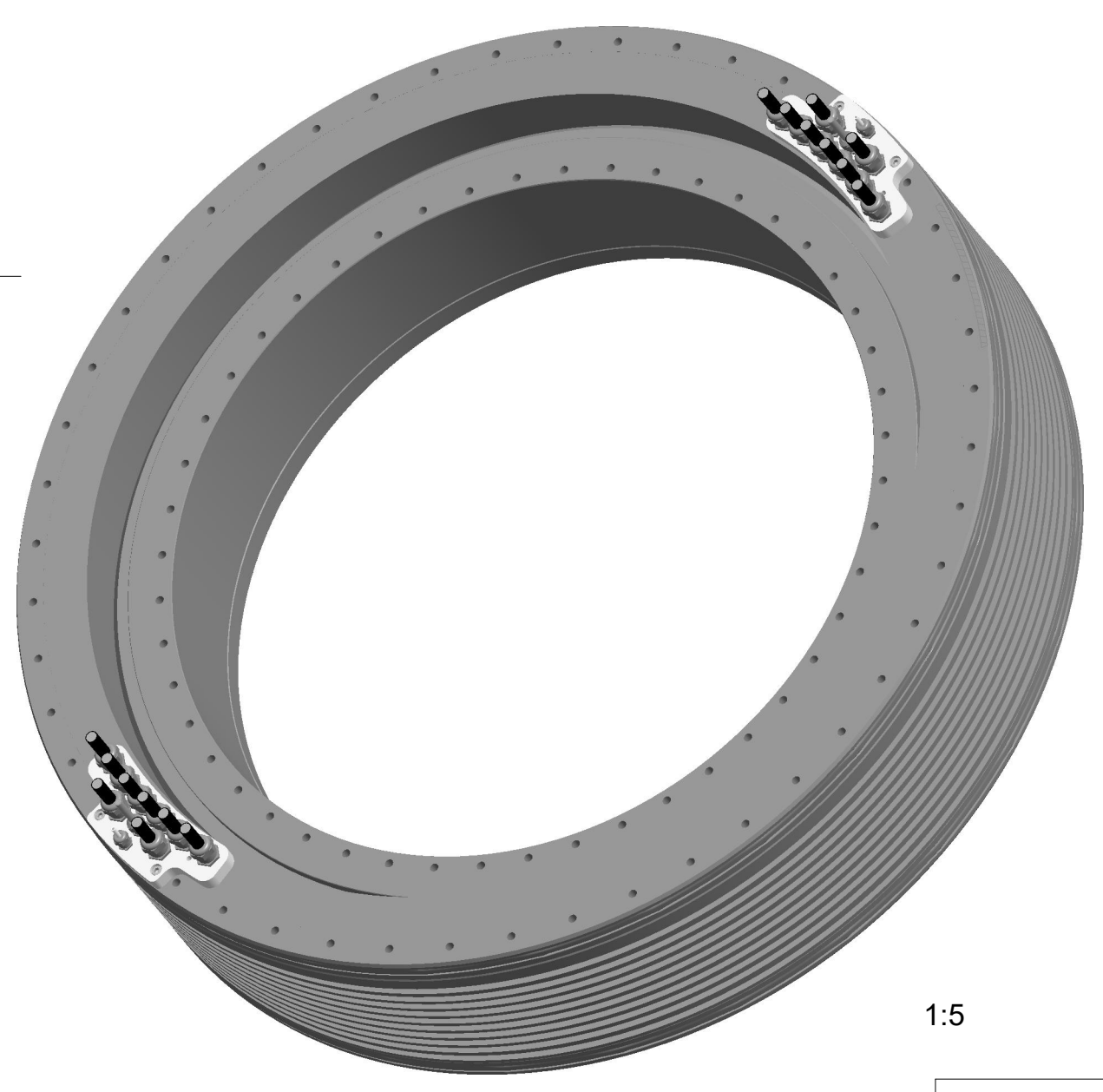
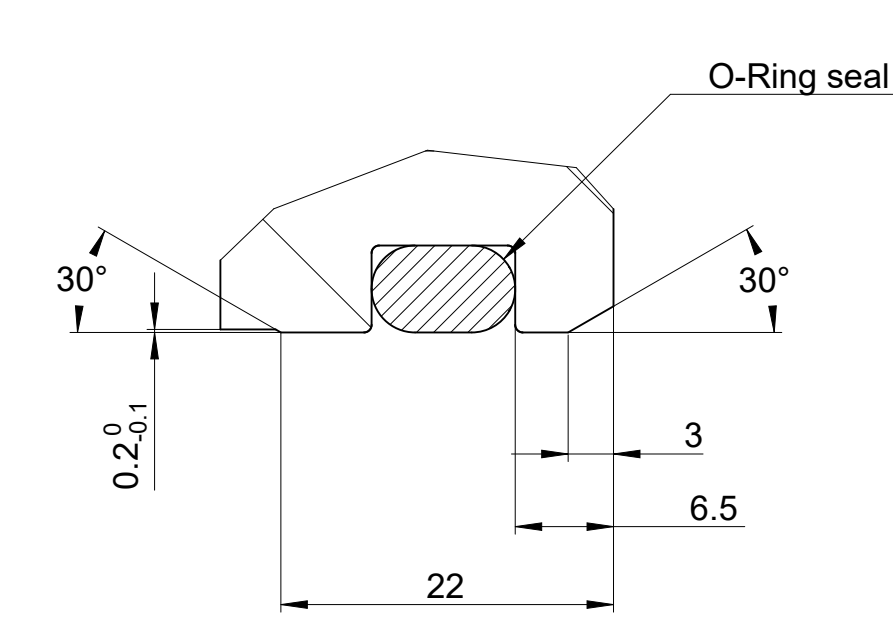
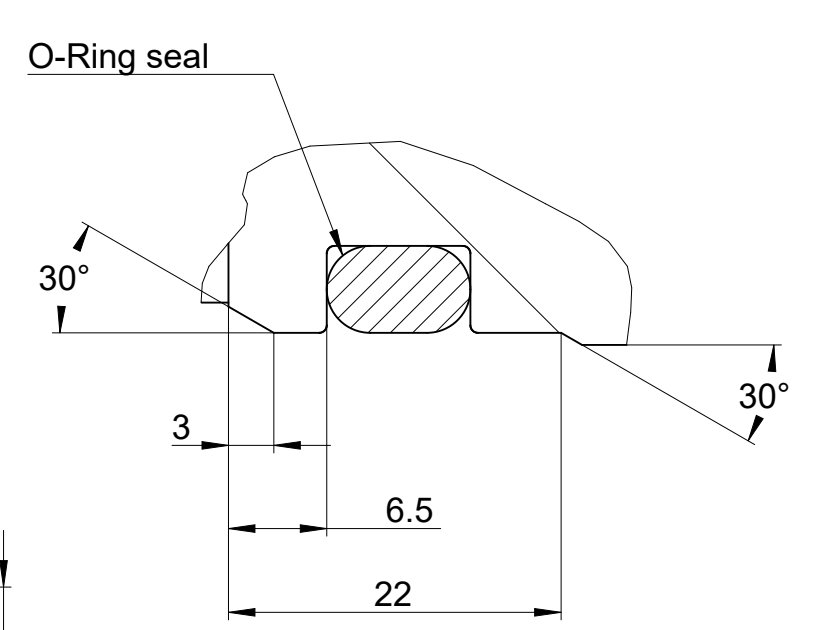
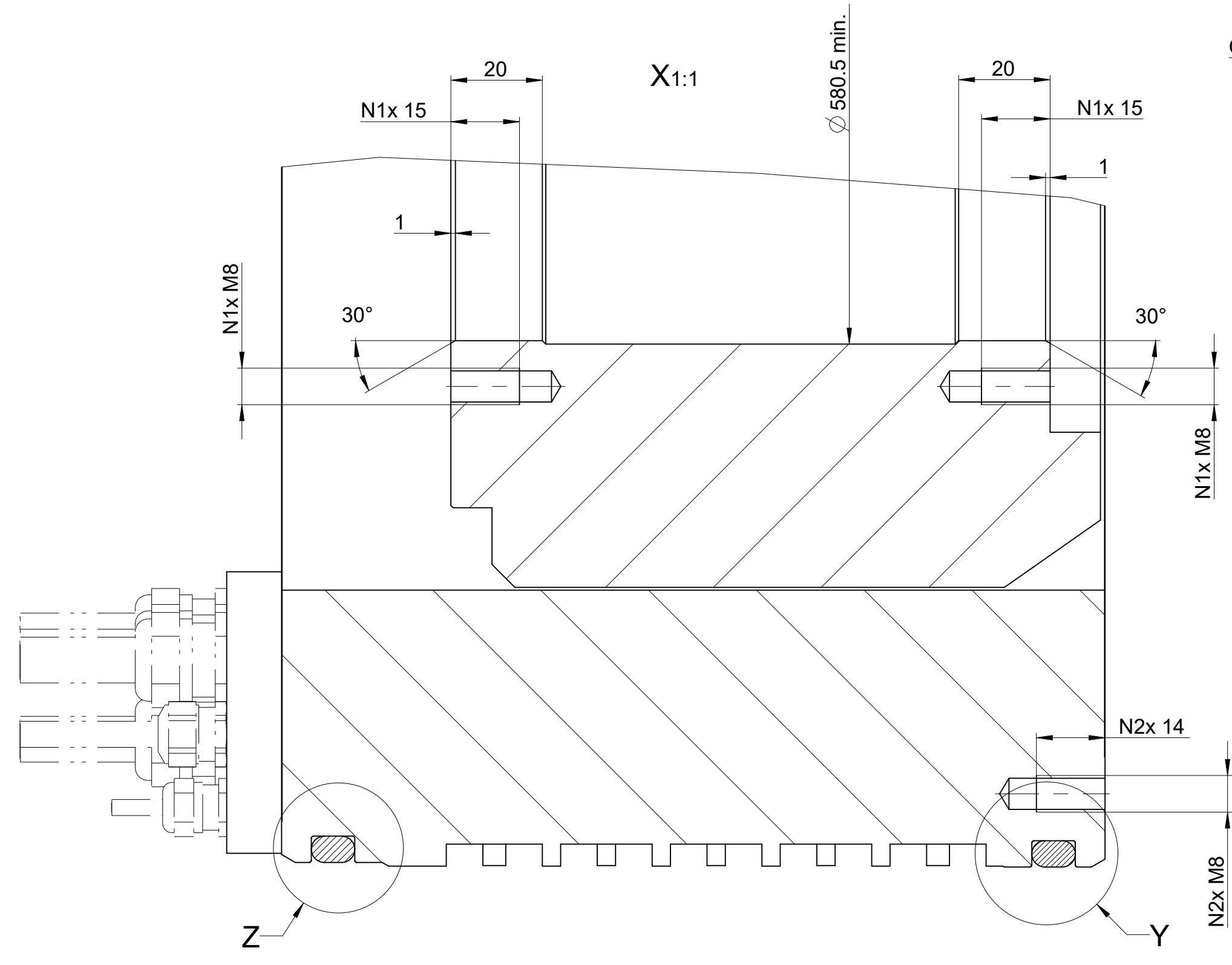
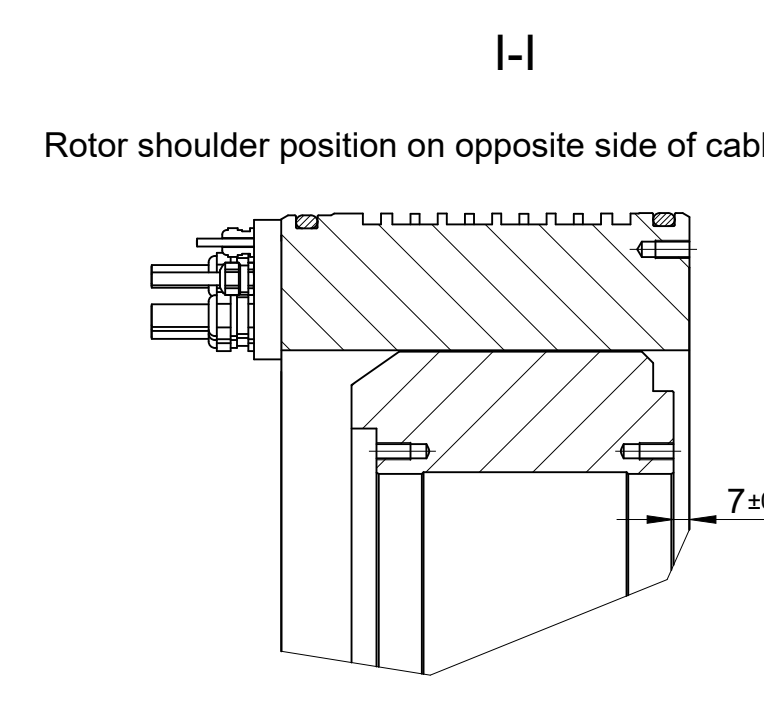
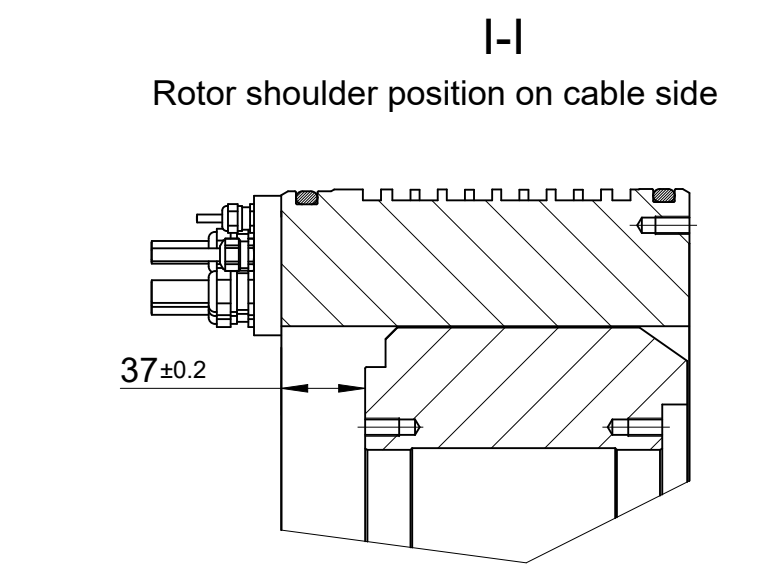
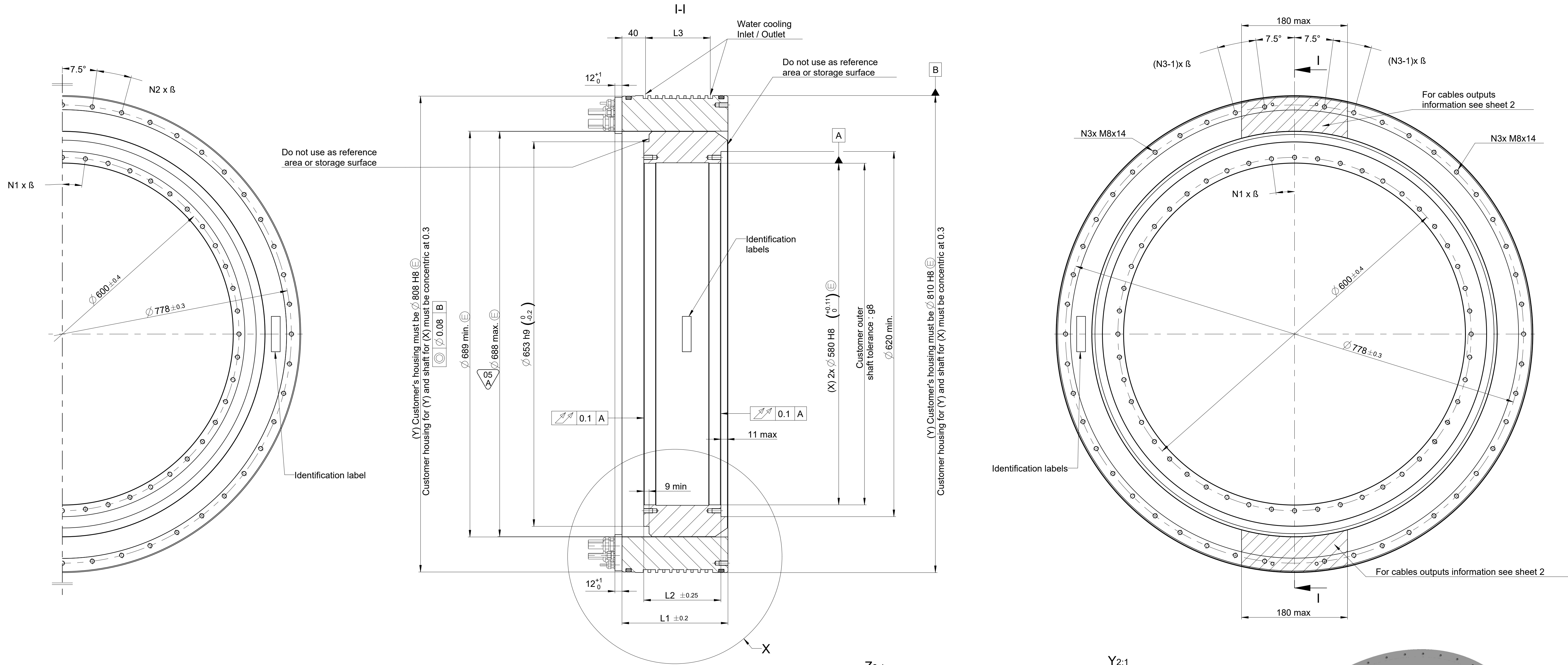
(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

Wire section (mm²)

Characteristics	1 x 1.5	1 x 2.5	1 x 4	1 x 6	1 x 10	1 x 16	Sensor cable
Applicable motors	TMK0291 TMK0360 TMK0761 TMK0991	TMK0175 TMK0291 TMK0360 TMK0530	TMK0360	TMK0175 TMK0360 TMK0530	TMK0291 TMK0530 TMK0761	TMK0360 TMK0530 TMK0761 TMK0991	All TMK
Minimum bend radius for fixed cable	R = 5 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 6 X D
Minimum bend radius for moving cable	R = 10 x D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 12 X D



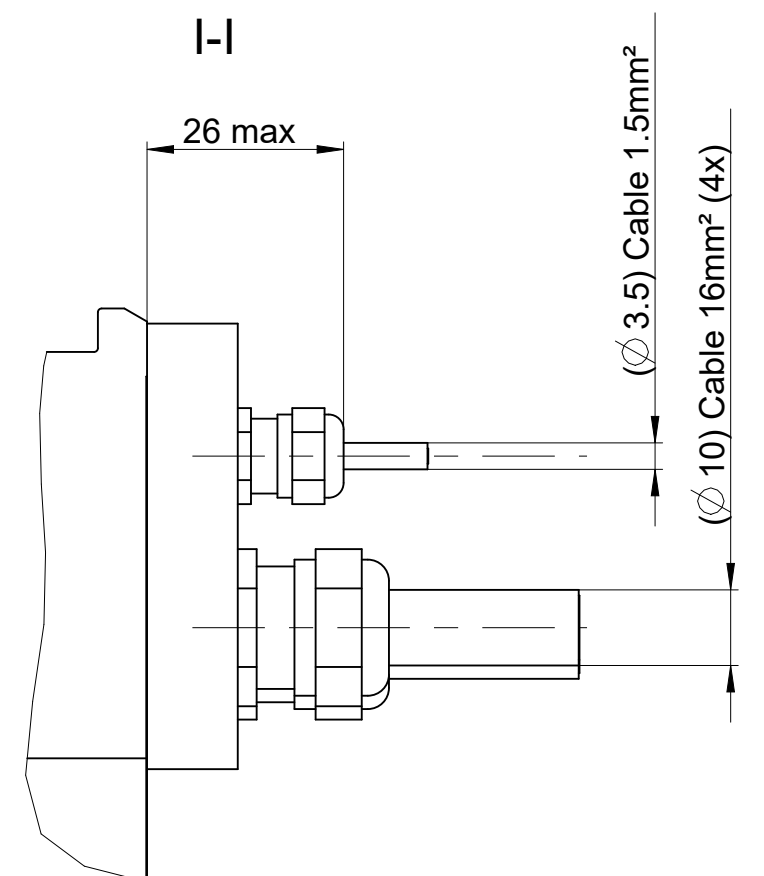
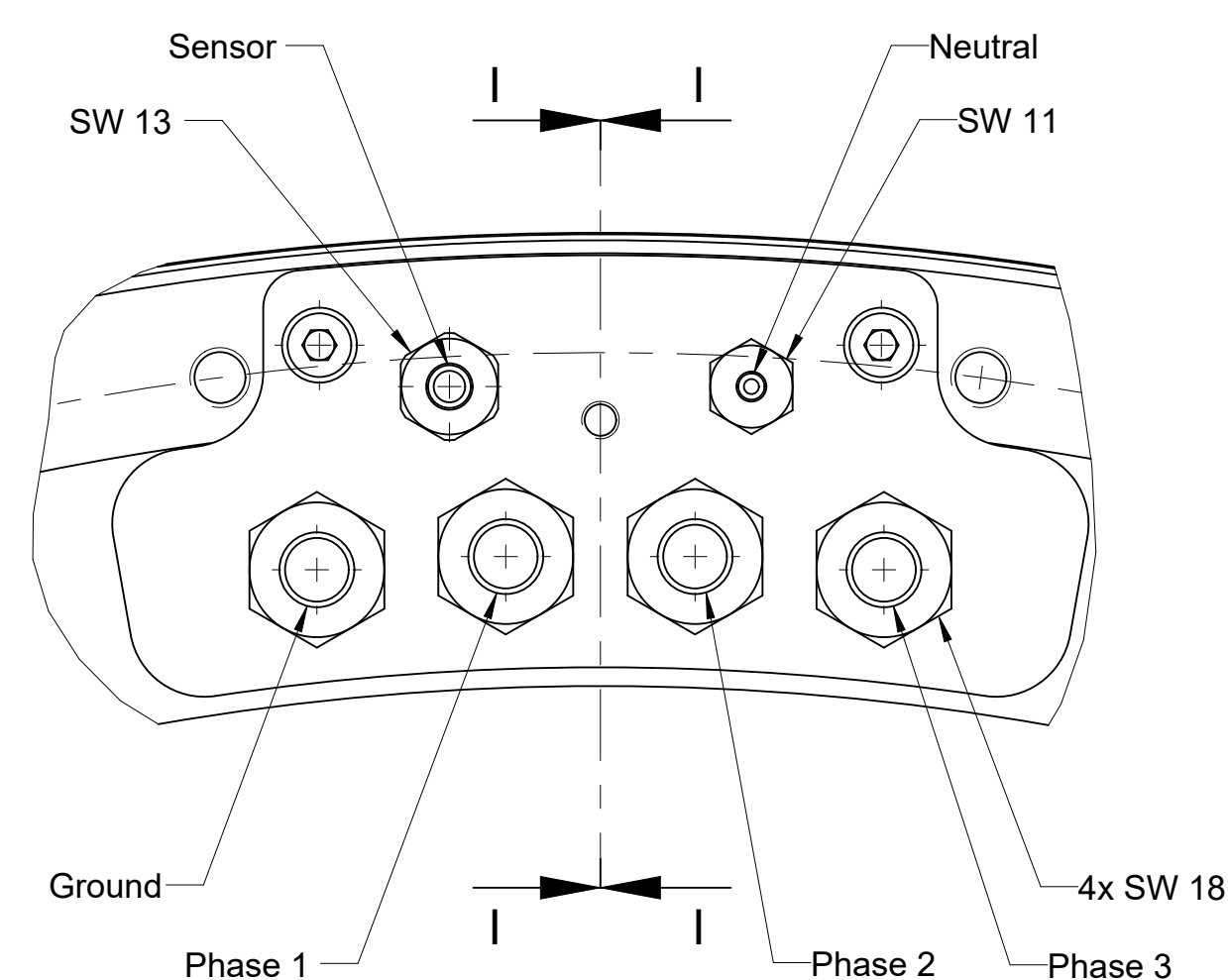
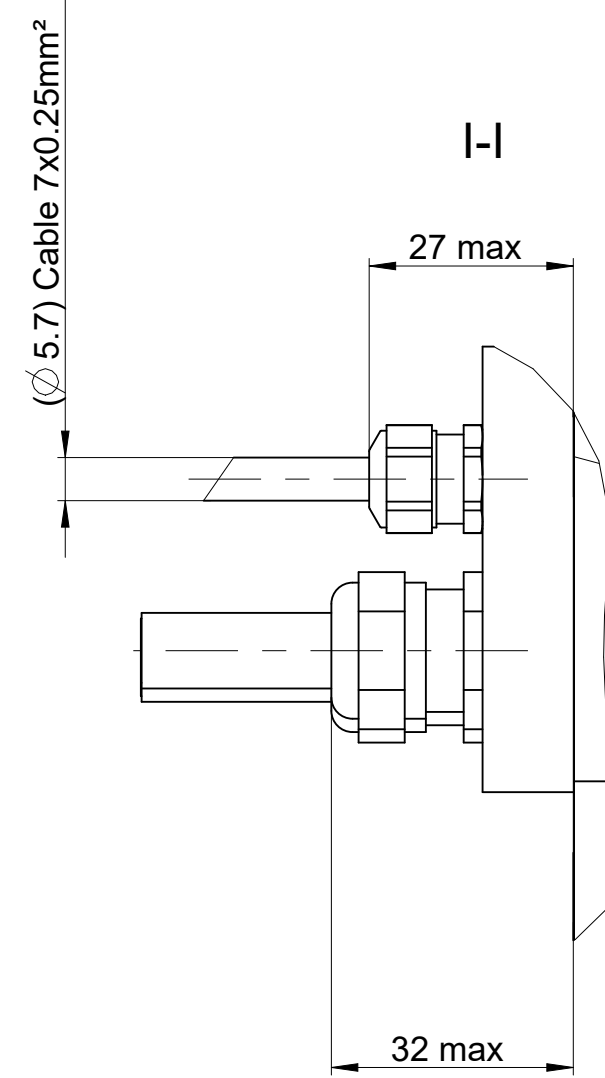
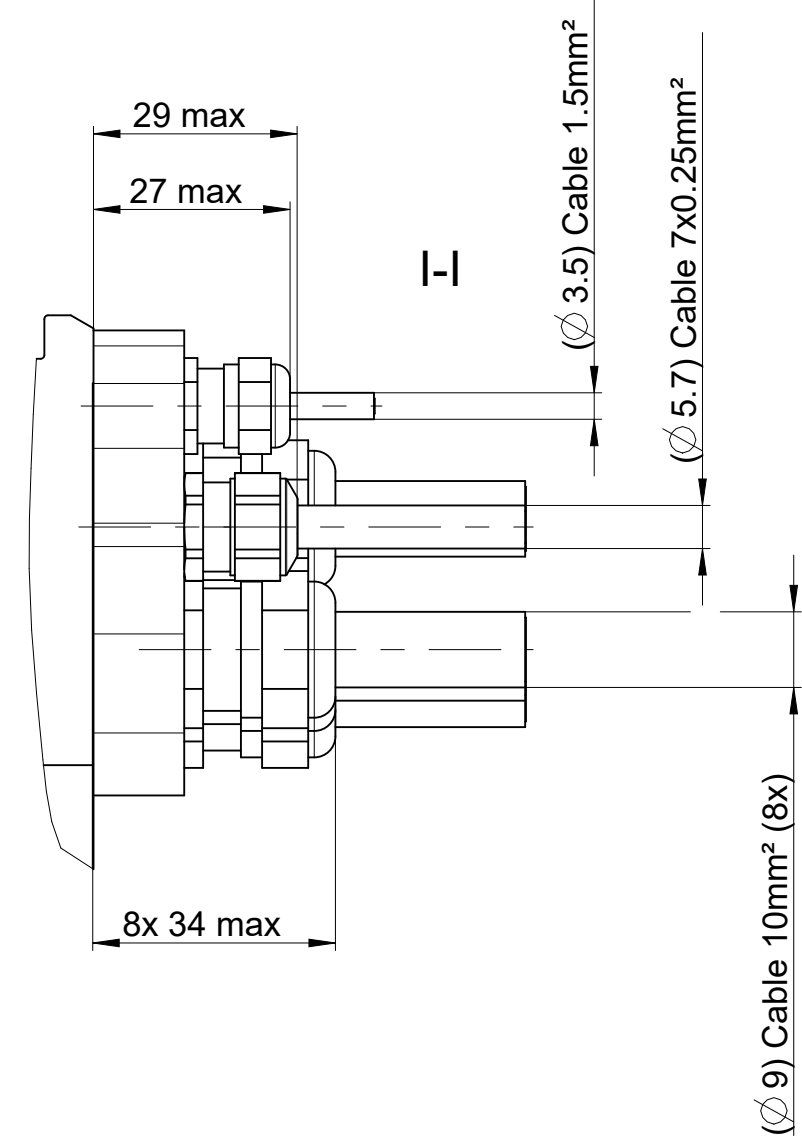
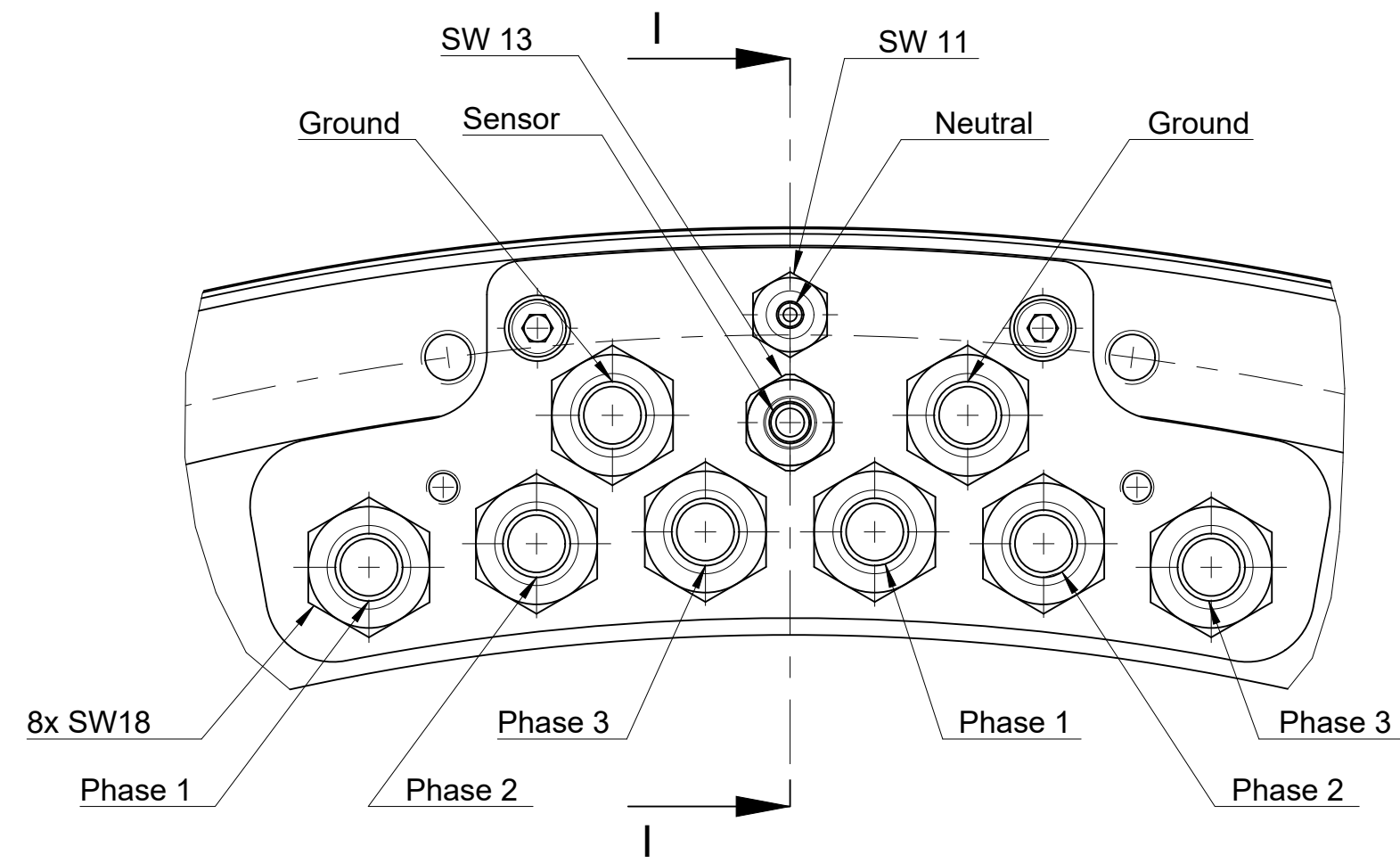
Text:		Original drawing Scale: 1:1 Format: A2		TMK sensor config. and cables prop. (interface)		ID number	
RoHS		1:1 A2		TMK config. capteur et prop. câbles (interface)		Change No. C115144-05 Released: 18.09.2020	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK		Surfaces as per ISO 1302 Etats de surface selon ISO 1302		Material: Matière:	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:		ETEL		Version/Revision/Sheet/ Page 1328572-00-A-01 Document number 1 of 1	



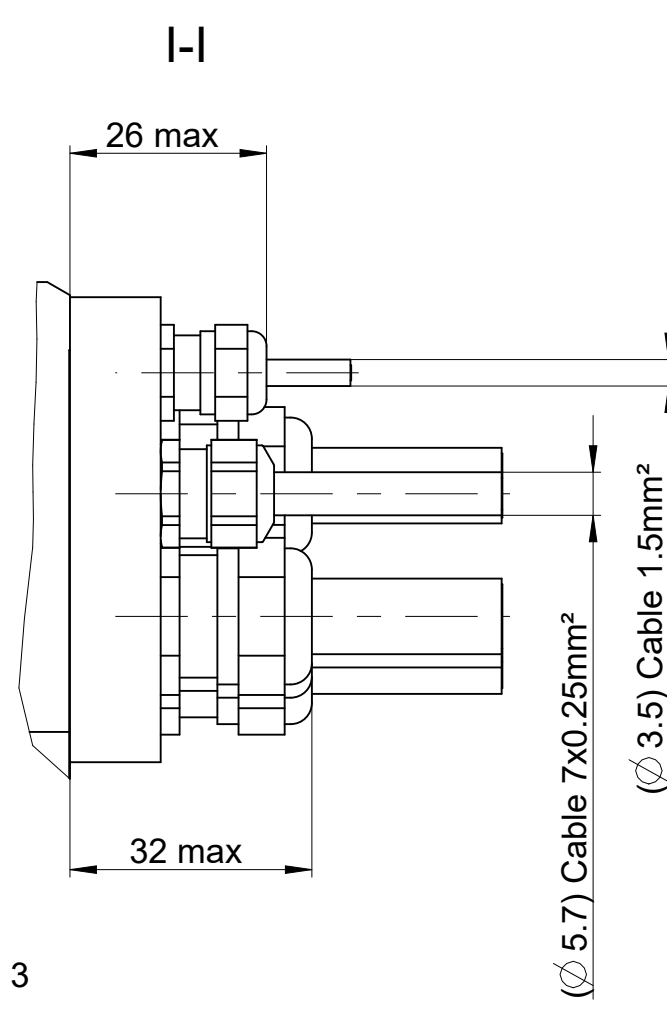
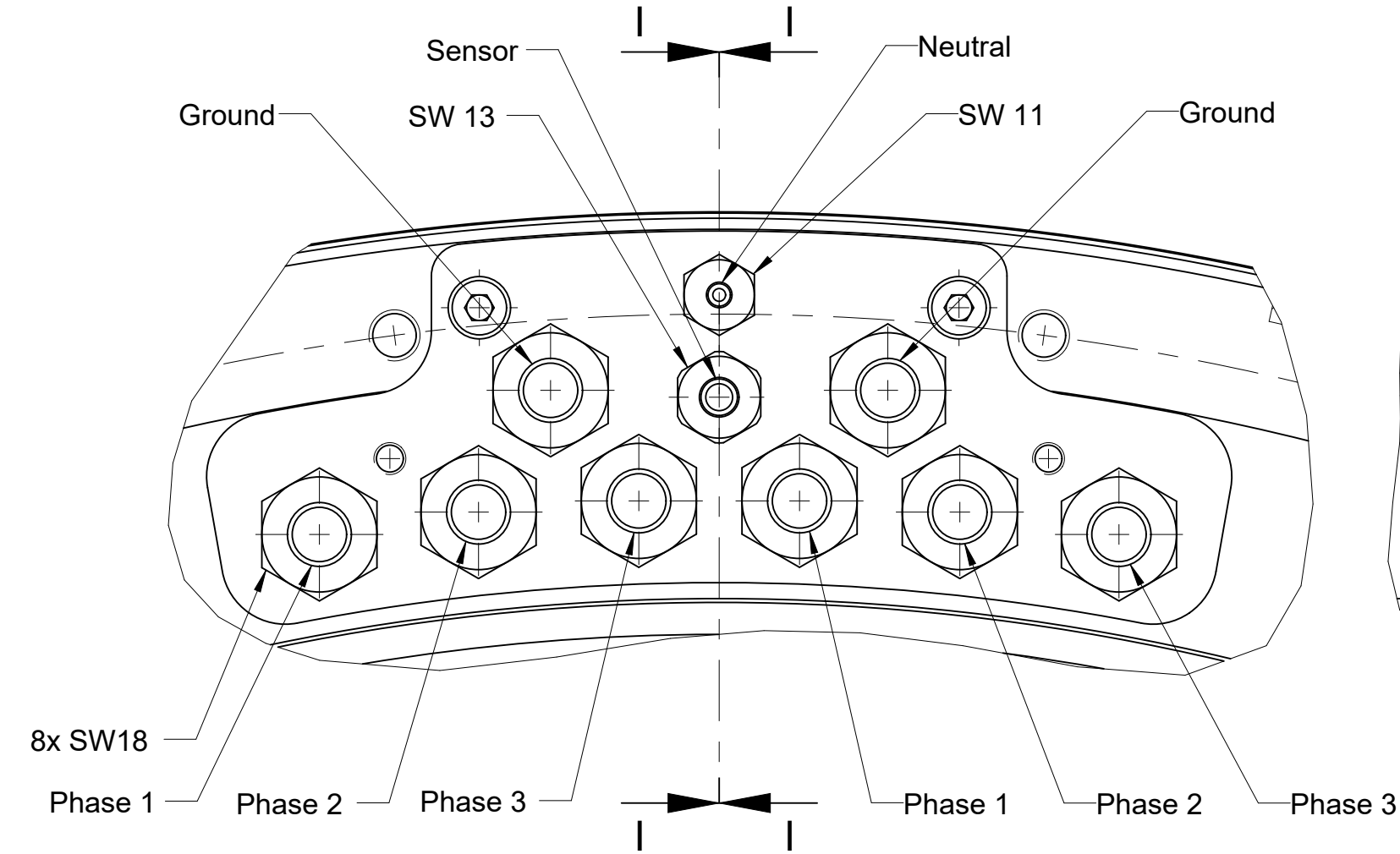
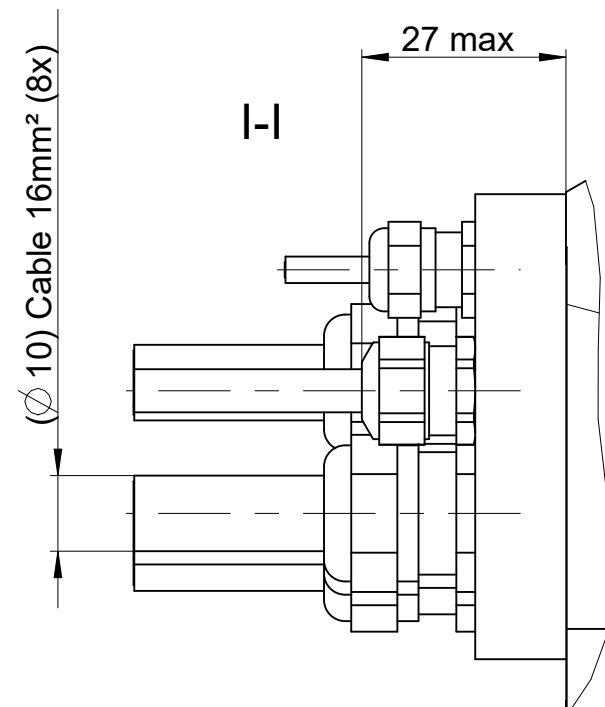
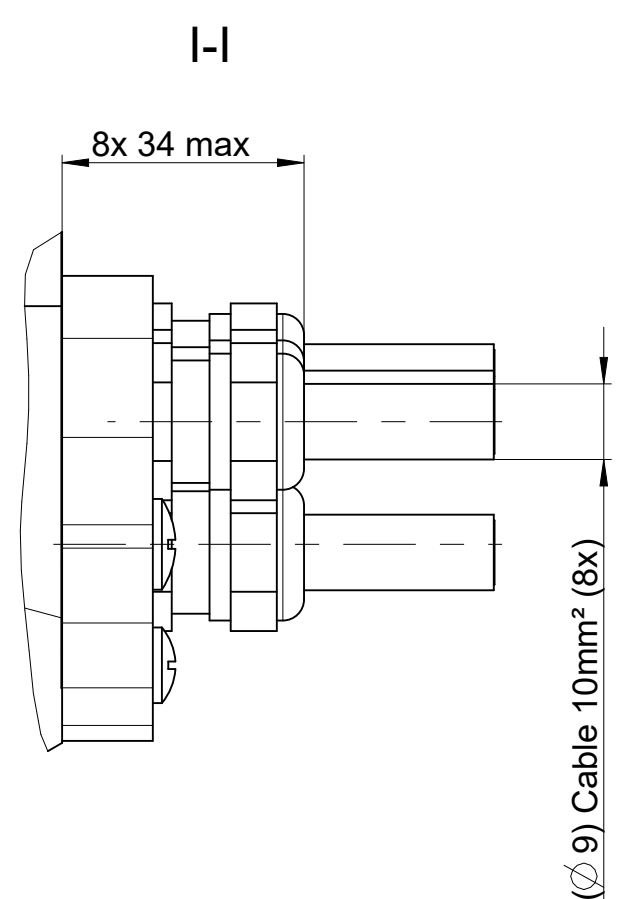
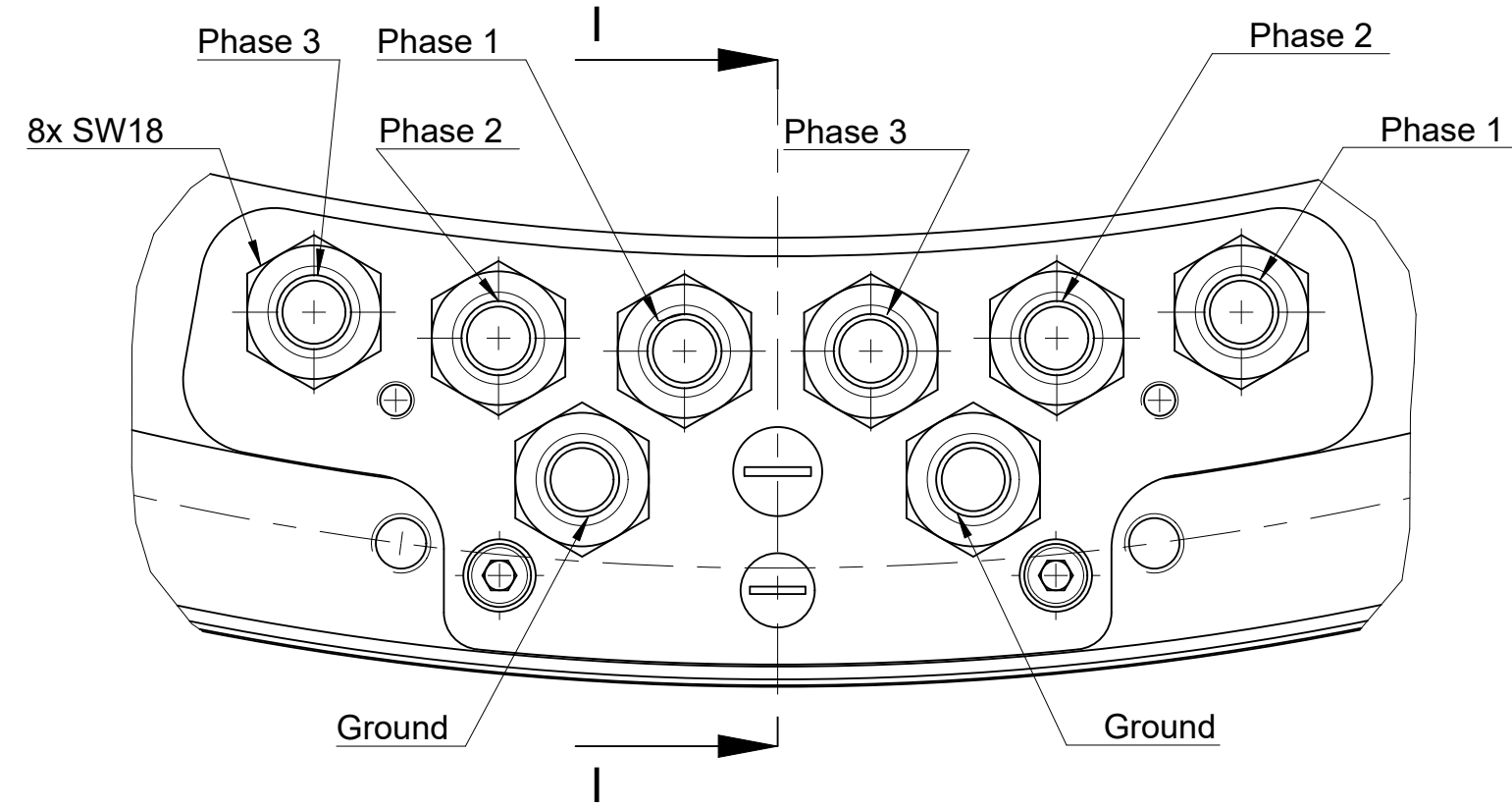
⚠ Use M8 screws with 12.9 quality to assemble rotor and stator

PRODUCT	L1	L2	L3	N1	N2	N3	β
Tmk-0761-050	130	81	60	24	24	12	15
Tmk-0761-070	150	101	80	24	24	12	15
Tmk-0761-100	180	131	110	48	48	23	7.5
Tmk-0761-150	230	181	160	48	48	23	7.5

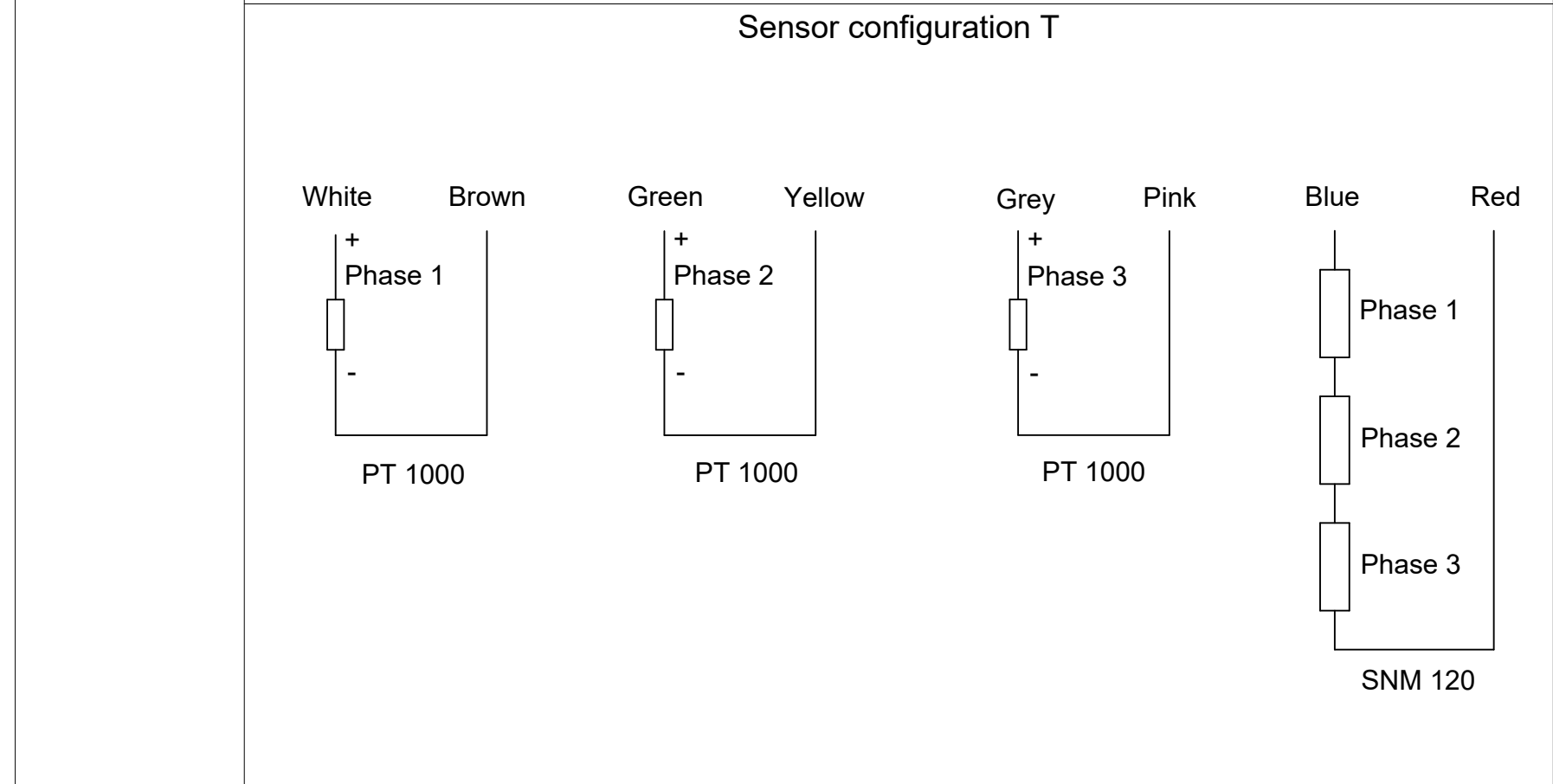
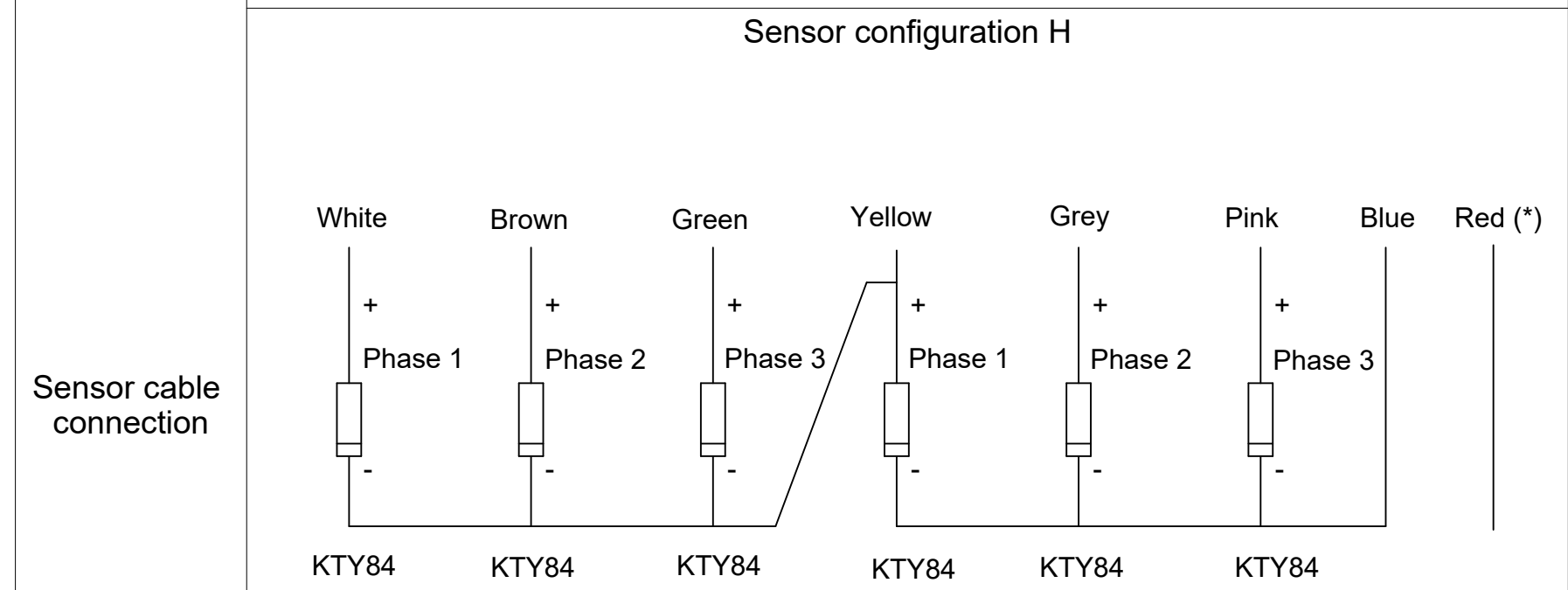
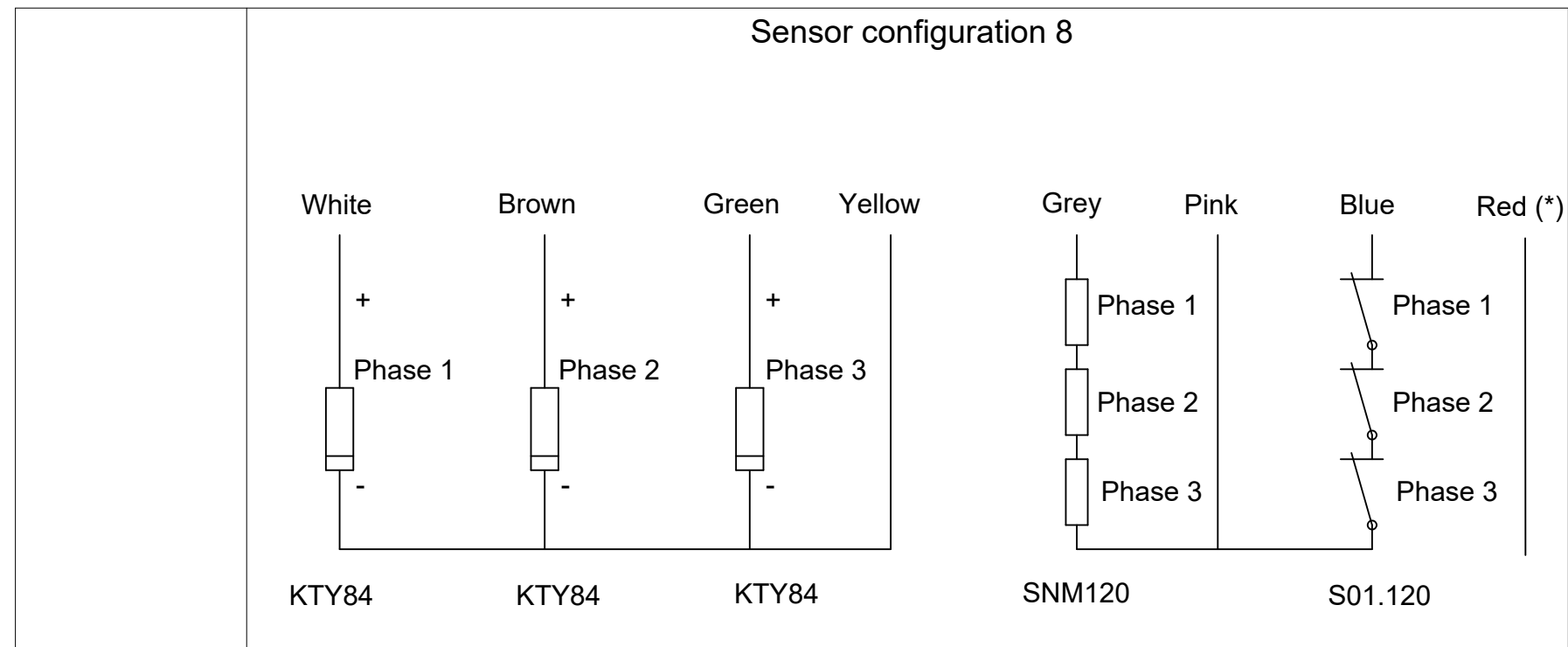
Text:		ID number
Original drawing Scale Format		Change No. C115144-06
RoHS 3:10 A1		Released: 17.09.2020
Dimensions in mm / Cotes en mm		Material: Matière:
Workpiece edges ISO 13715 / Arêtes de formes selon ISO 13715		Surfaces as per ISO 1302 / Etats de surface selon ISO 1302
General tolerances ISO 2768-mK / Tolérances générales ISO 2768-mK		Surface treatment: Traitement de surface:
Tolerances as per ISO 8015:2011 / Tolérances selon ISO 8015:2011		
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		812118-05-A-01 1 of 1
		Document number



TMK0761-3UXN-U##



Text:		ID number	
Original drawing Scale Format		Change No. C115144-06 Released: 17.09.2020	
RoHS	1:1 A1	Torque motor TMK0761 cables output (interface) Moteur couple fer TMK0761 sortie de câbles (interface)	
Dimensions in mm / Cotes en mm		Mating Dimensions / Cotes d'encastrement	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715	General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK	Surfaces as per ISO 1302 Etats de surface selon ISO 1302	
-0.1 L±0.3	+0.3 L±0.0	Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011	
Surface treatment: Traitement de surface:		The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. (ISO 18015)	
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(*): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

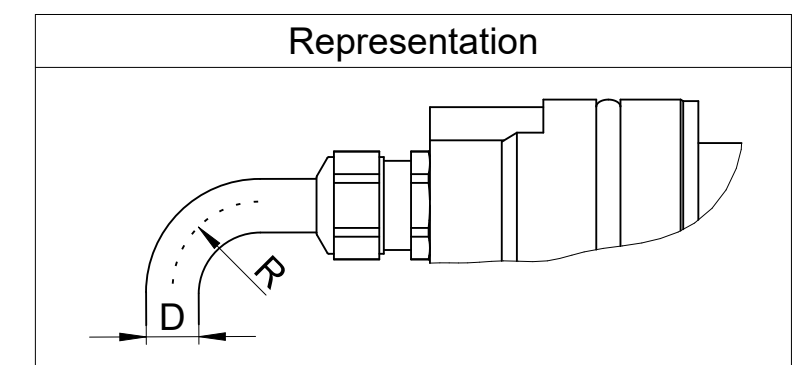
Power cable connection

Color and wire number	Function	Drawing
Black wire with number 1 or U	Phase 1 (PH1)	
Black wire with number 2 or V	Phase 2 (PH2)	
Black wire with number 3 or W	Phase 3 (PH3)	
Yellow and green wire	Ground (GND)	
Black wire with number Br1 or 5 or white cable	Neutral point wire (present only on some motor types)	
Black wire with number Br2 or 6 or black wire without label	None(**)	

(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

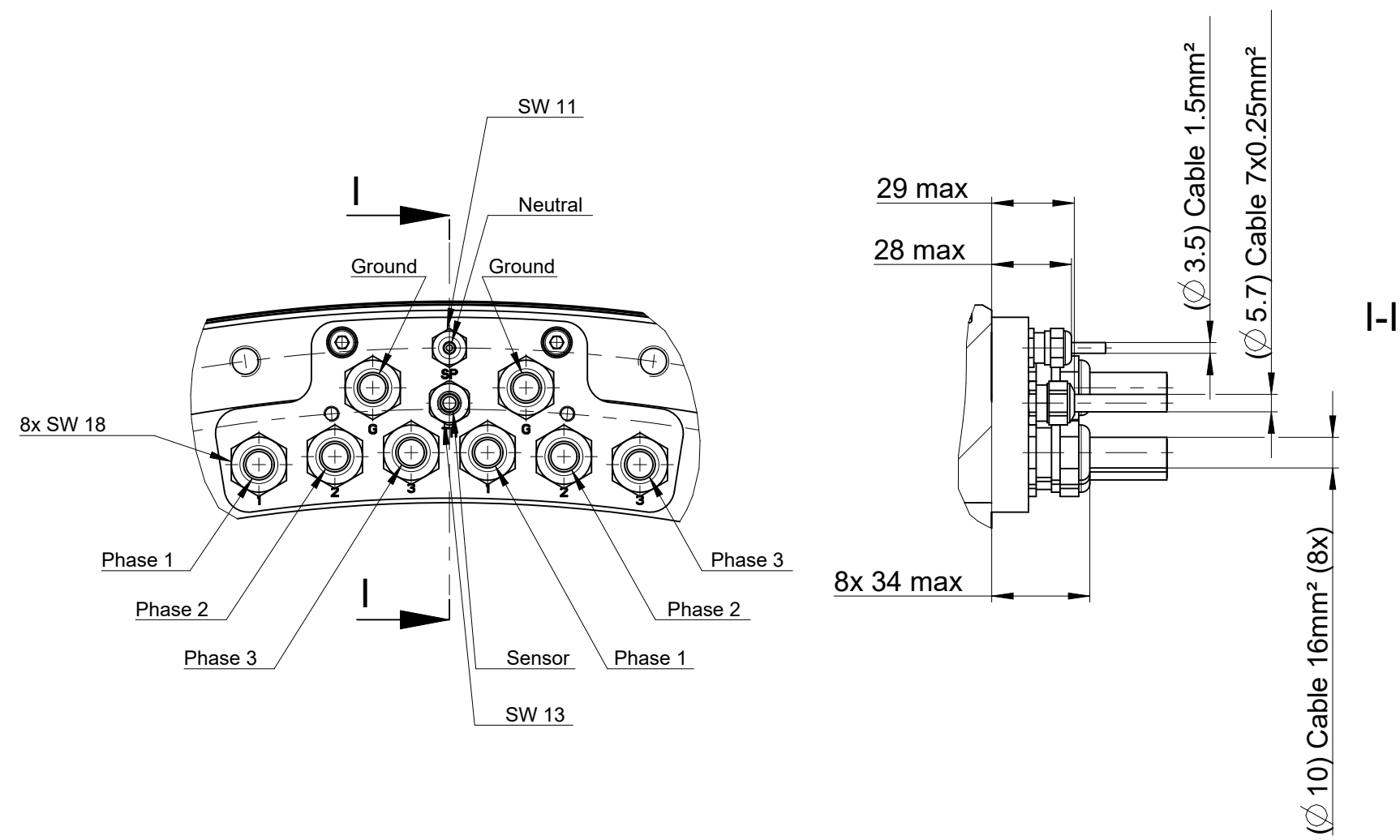
Wire section (mm²)

Characteristics	1 x 1.5	1 x 2.5	1 x 4	1 x 6	1 x 10	1 x 16	Sensor cable
Applicable motors	TMK0291 TMK0360 TMK0761 TMK0991	TMK0175 TMK0291 TMK0360 TMK0530	TMK0360	TMK0175 TMK0360 TMK0530	TMK0291 TMK0530 TMK0761	TMK0360 TMK0530 TMK0761 TMK0991	All TMK
Minimum bend radius for fixed cable	R = 5 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 6 X D
Minimum bend radius for moving cable	R = 10 x D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 12 X D

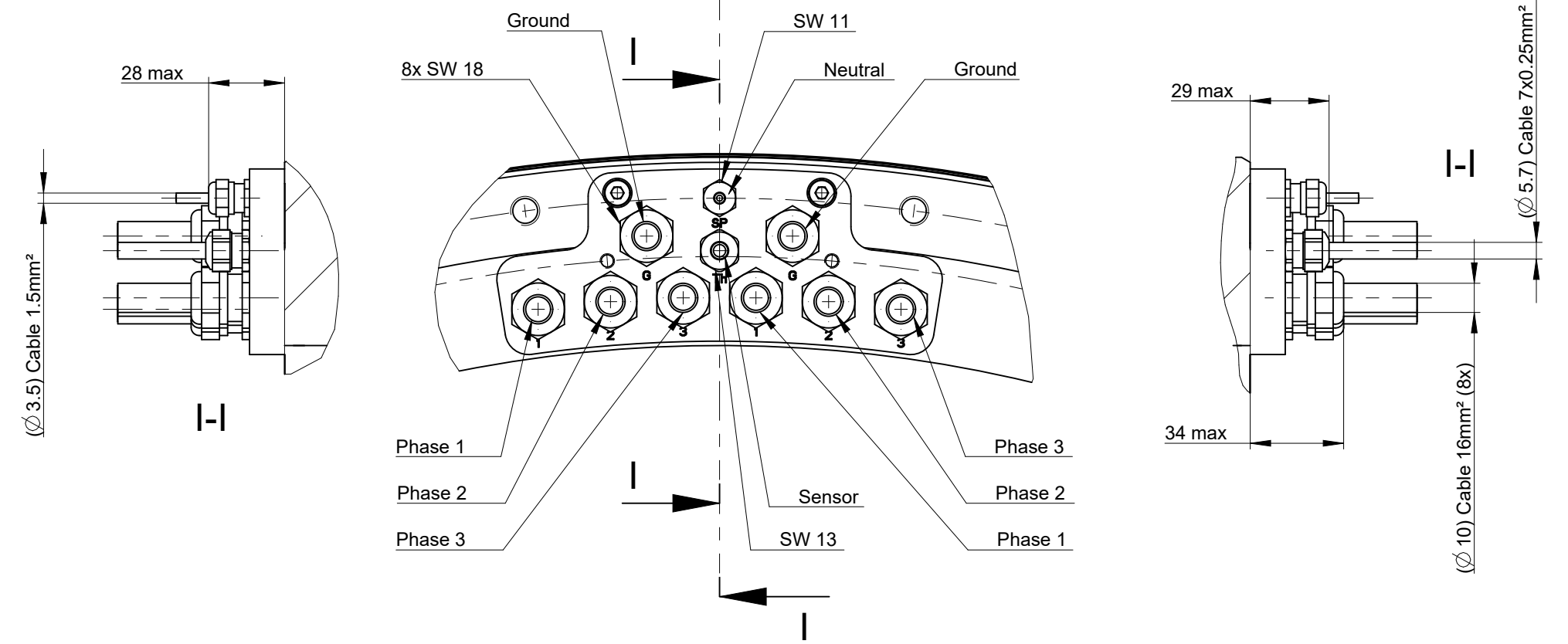


Text:		Original drawing Scale: 1:1 Format: A2		TMK sensor config. and cables prop. (interface)		ID number	
RoHS		1:1 A2		TMK config. capteur et prop. câbles (interface)		Change No. C115144-05 Released: 18.09.2020	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK		Surfaces as per ISO 1302 Etats de surface selon ISO 1302		Material: Matière:	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:		Version/Revision/Sheet		Page	
ETEL		ETEL S.A. 2112 Môtiers SWITZERLAND		1328572-00-A-01		1 of 1	
				Document number			

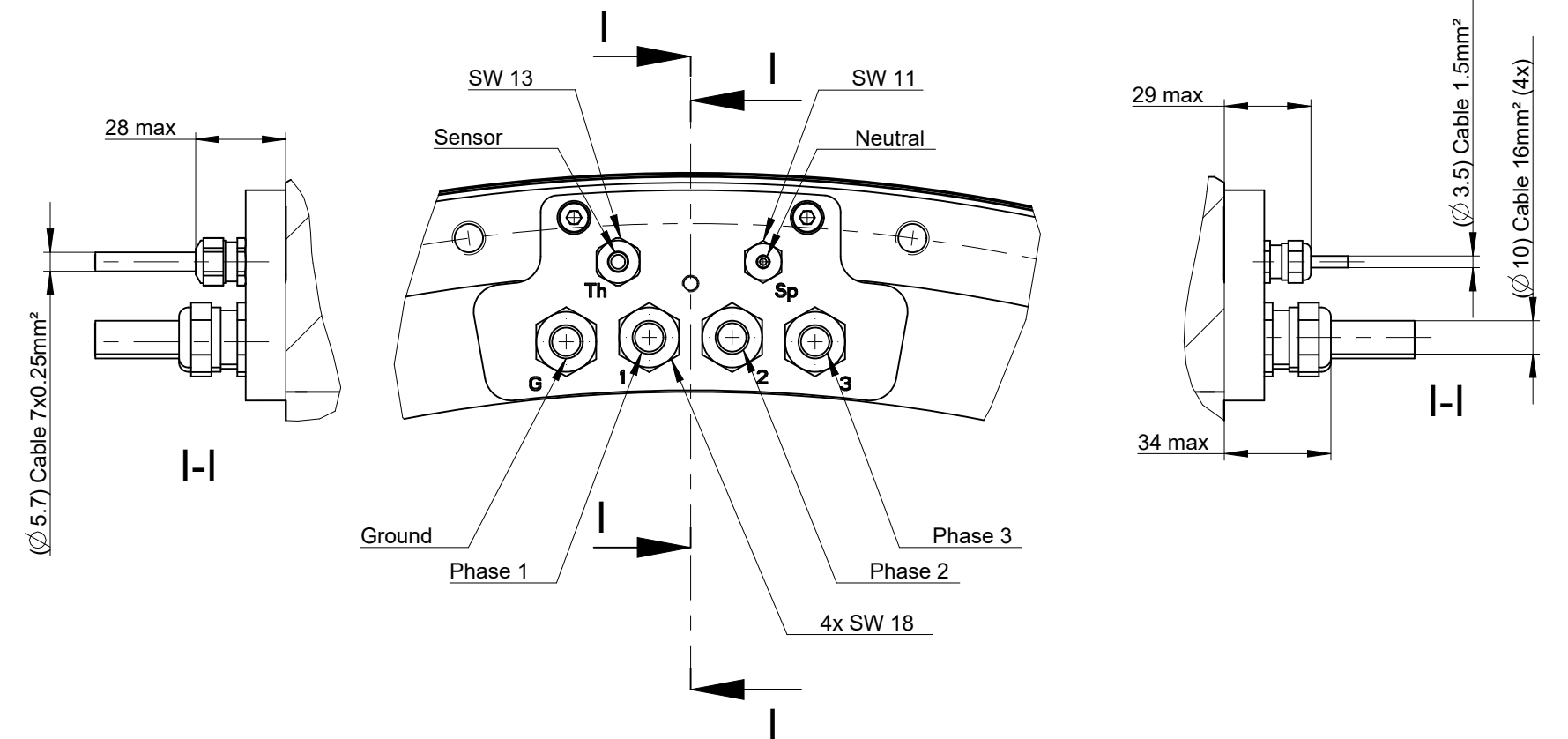
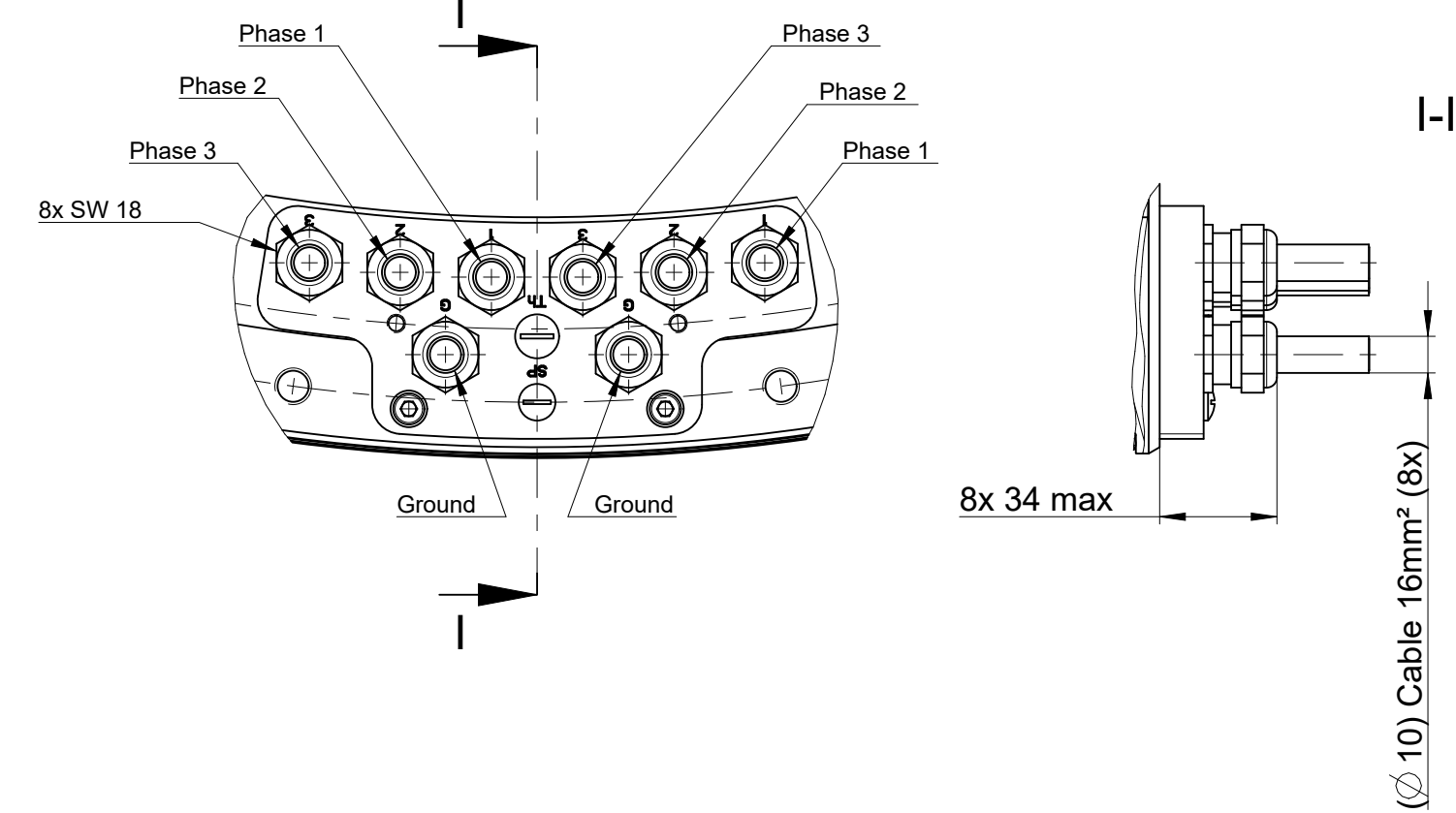
TMK0991-3UZN-U##



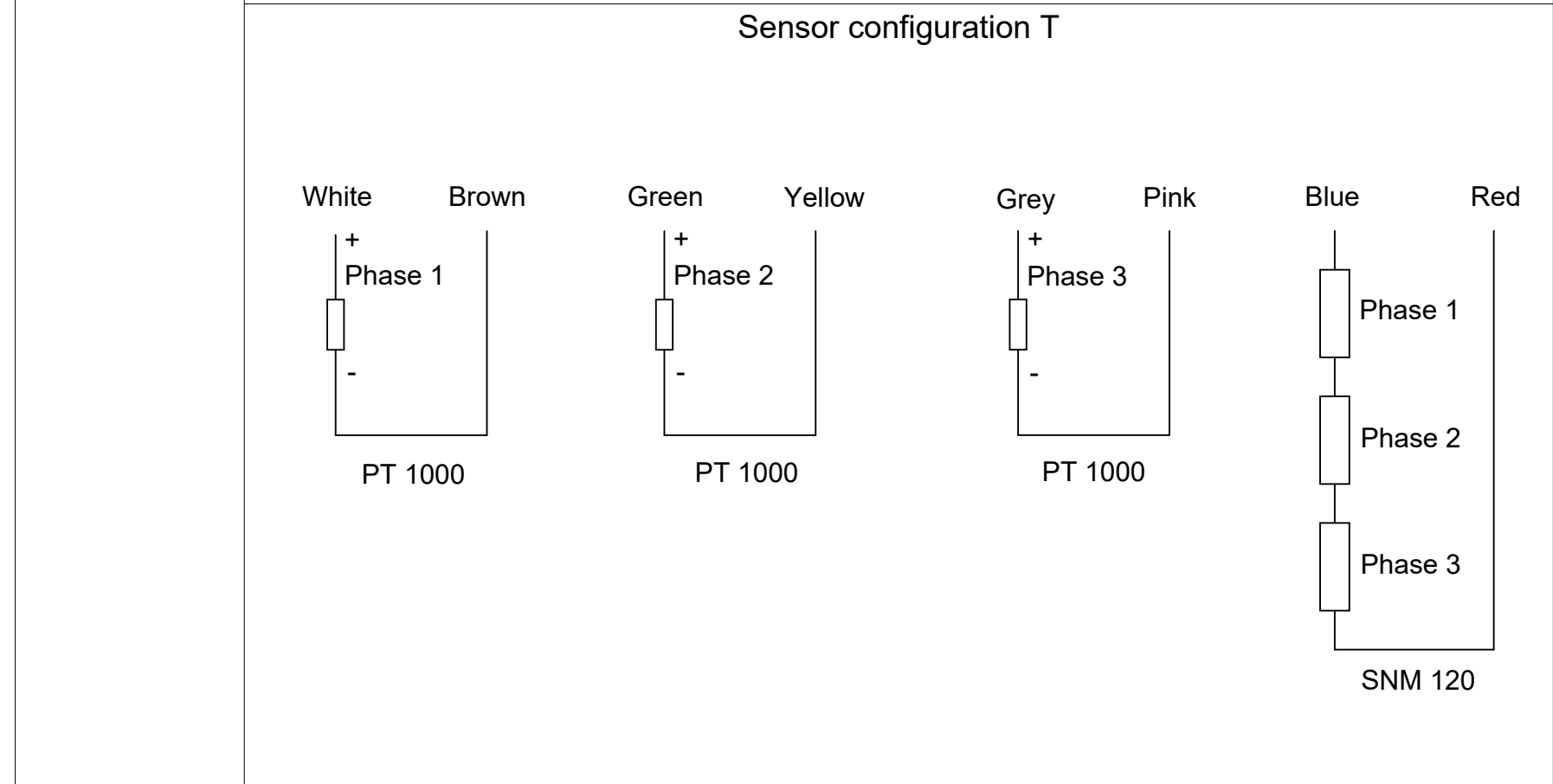
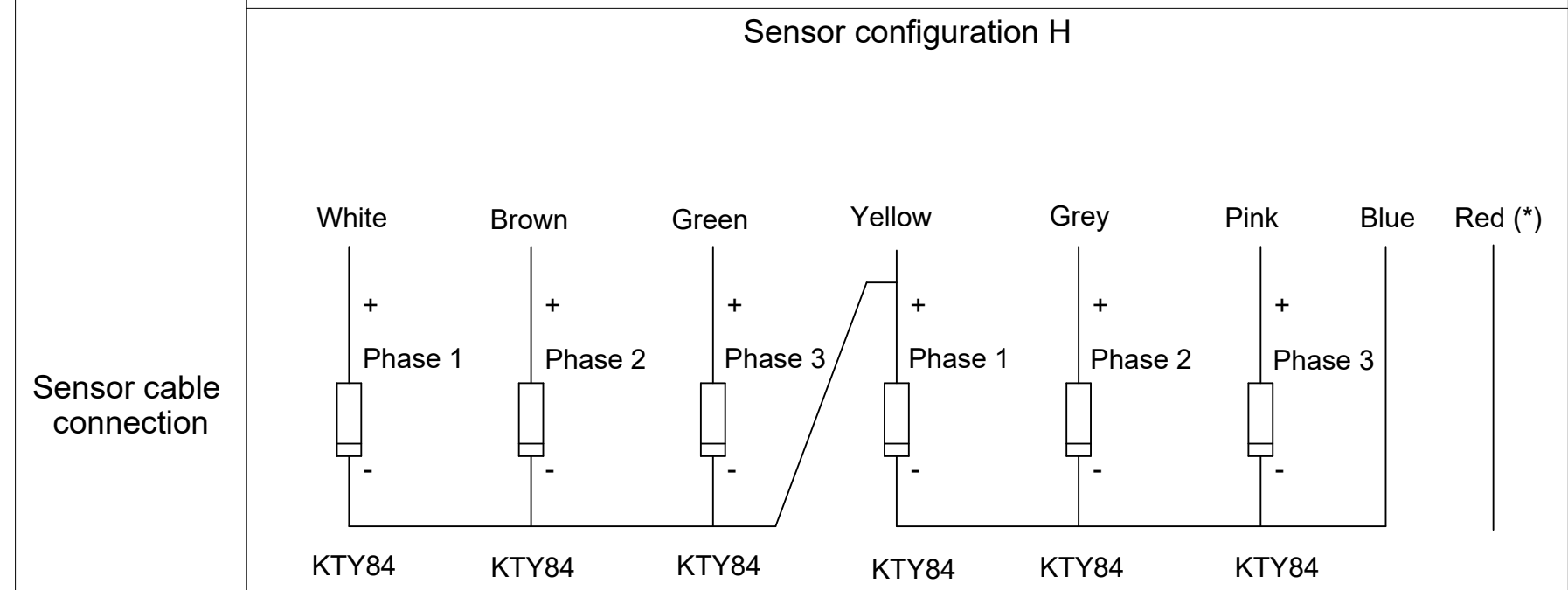
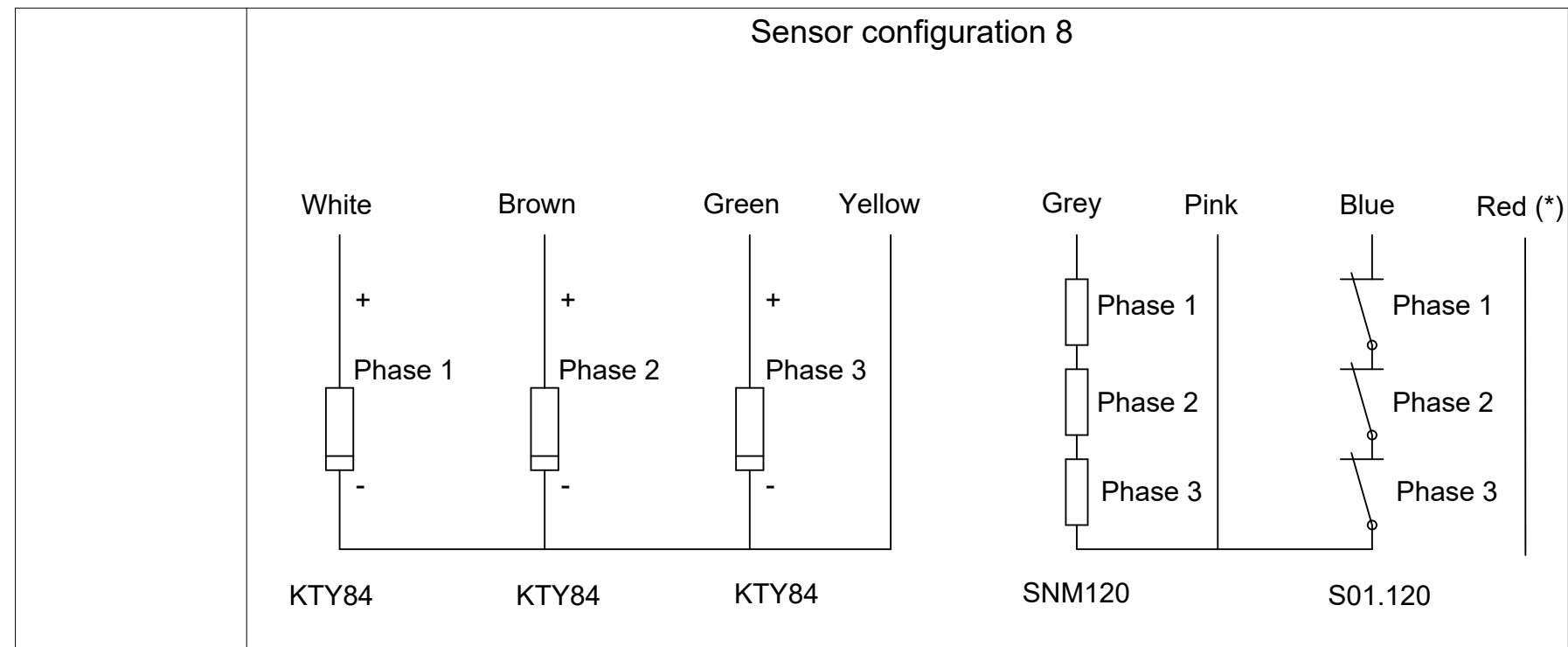
TMK0991-3UPN-U##



TMK0991-3SPN-U##



Text:			ID number
Original drawing Scale: 1:2 Format: A2			Change No. C124601-06 Released: 24.02.2022
RoHS	Torque motor TMK0991 cables outputs (interface) Moteur couple fer TMK0991 sorties de câbles (interface)		Material: Matière:
Dimensions in mm / Cotes en mm		Mating Dimensions / Cotes d'encombrement	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK	Surfaces as per ISO 1302 Etats de surface selon ISO 1302
$\begin{matrix} -0.1 \\ \text{---} \\ -0.3 \end{matrix}$ $\begin{matrix} +0.3 \\ \text{---} \\ +0.0 \end{matrix}$		Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011	Surface treatment: Traitement de surface:
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(*): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

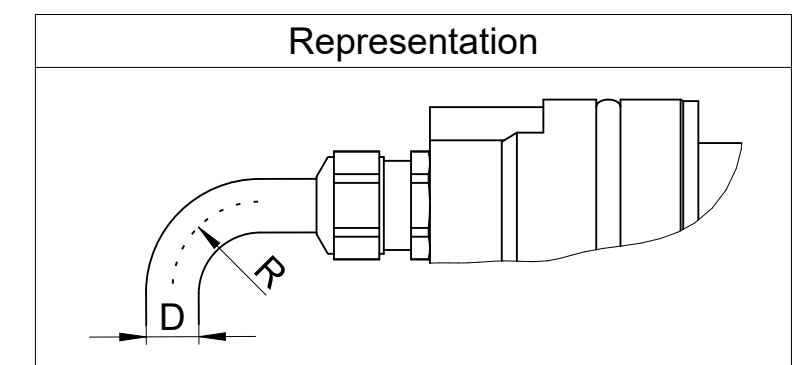
Power cable connection

Color and wire number	Function	Drawing
Black wire with number 1 or U	Phase 1 (PH1)	
Black wire with number 2 or V	Phase 2 (PH2)	
Black wire with number 3 or W	Phase 3 (PH3)	
Yellow and green wire	Ground (GND)	
Black wire with number Br1 or 5 or white cable	Neutral point wire (present only on some motor types)	
Black wire with number Br2 or 6 or black wire without label	None(**)	

(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

Wire section (mm²)

Characteristics	1 x 1.5	1 x 2.5	1 x 4	1 x 6	1 x 10	1 x 16	Sensor cable
Applicable motors	TMK0291 TMK0360 TMK0761 TMK0991	TMK0175 TMK0291 TMK0360 TMK0530	TMK0360	TMK0175 TMK0360 TMK0530	TMK0291 TMK0530 TMK0761	TMK0360 TMK0530 TMK0761 TMK0991	All TMK
Minimum bend radius for fixed cable	R = 5 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 6 X D
Minimum bend radius for moving cable	R = 10 x D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 12 X D



Text:		Original drawing Scale: 1:1 Format: A2		TMK sensor config. and cables prop. (interface)		ID number	
RoHS		1:1 A2		TMK config. capteur et prop. câbles (interface)		Change No. C115144-05 Released: 18.09.2020	
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK		Surfaces as per ISO 1302 Etats de surface selon ISO 1302		Material: Matière:	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:		ETEL		Version/Revision/Sheet/ Page 1328572-00-A-01 Document number 1 of 1	