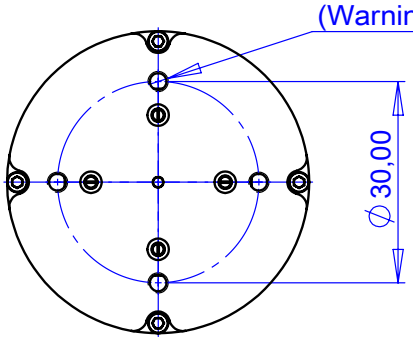
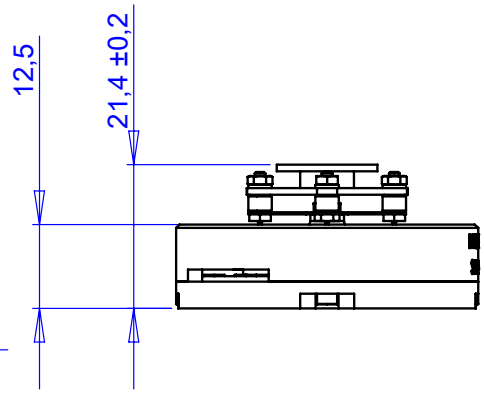
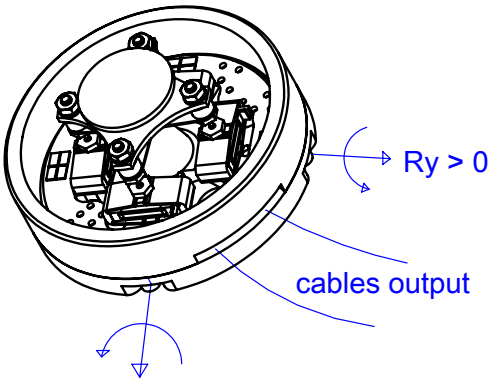
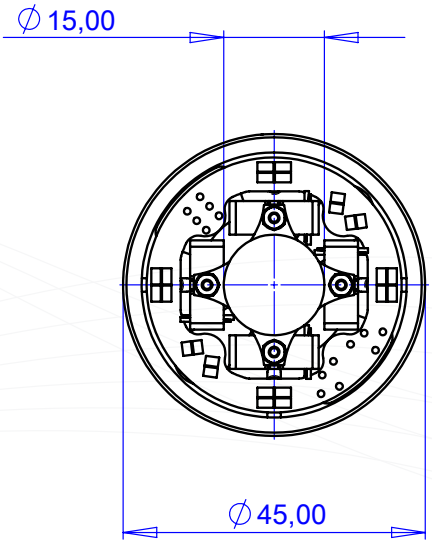








Note:

Mirror ∅ up to 15mm

Mechanical Interfaces:
4 x M3 on ∅ 30mm
Warning: Screw lengths have to be < 4mm

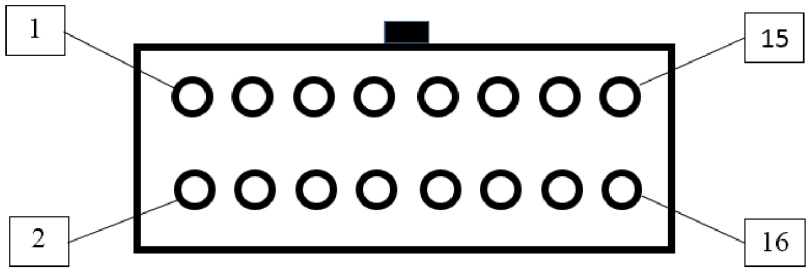
MECHANICAL INTERFACE

Matiere / *Material*		Norme Matière / *Material Standard:* -	Autre norme / *Additionnal Standard* -
Ref Traitement / Treatment ref. Ref. Traitement Surface / *Surface Treatment ref.*		Nom de projet / *Project Name* DTT35XS_SM_Small_Mirror	
Dessine par / *Drawn by* aguignabert		Désignation / *Title* ICD_DTT35XS_SM_Small_Mirror	
Vérifié par / *Checked by* apieton	Obsolescence / *Life Cycle* R&D	Date 18/06/2019	CEDRAT TECHNOLOGIES Innovation in Mechatronics 59 chemin du vieux Chêne, 38246 Meylan TEL : 04 56 58 04 00
Validé par / *Approved by* aguignabert	Masse / *Mass* 65 g	Reference / Revision 021015 / A.02	Page 1/2

Format A4 | Echelle/Scale 1:1

Pin Out table for SUB-D option

PIN NUMBER	SIGNAL	DESCRIPTION
1	VREF	Internal reference signal output (+5V)
2	AGND	Analog ground return for the mechanism
3	SG X+	SG+ output for X axis
4	SG X-	SG- output for X axis
5	SG Y+	SG+ output for Y axis
6	SG Y-	SG- output for Y axis
7	-	
8	-	
9	PGND	Power ground return for the mechanism
10	PGND	Power ground return for the mechanism
11	PGND	Power ground return for the mechanism
12	PGND	Power ground return for the mechanism
13	+130	+130V push-pull rail input for the piezo-actuators
14	PGND	Power ground return for the mechanism
15	VX	Input voltage for the Rx axis piezo-actuators of the mechanism
16	VY	Input voltage for the Ry axis piezo-actuators of the mechanism



Connector reference: HARWIN M80-4801642 16 pins

<u>Electrical Interfaces (LEMO option):</u>
- Piezo actuators: Wire length 1.5m
Lémo FGG.00.303.CLAD22
Cable X to actuate around Ox Axis
Cable Y to actuatre around Oy Axis

- SG Option: Wire length 1.5m
Lémo FGG.00.304.CLAD22

ELECTRICAL INTERFACE

Matiere / *Material*	Norme Matière / *Material Standard:* -		Autre norme / *Additionnal Standard* -
Ref Traitement / Treatment ref. Ref. Traitement Surface / *Surface Treatment ref.*	Tolérances générales selon ISO2768-fH *General tolerances according to ISO2768-fH* Ra = 1.6 max Ebavurage/*Deburring* : chamf. 45° 0.1 to 0.2 Rayon Raccord./*Radius Curvature* : 0.1 to 0.4 Battement/*Run Out* : 0.1mm Symétrie/*Symmetry*:0.5mm		Nom de projet / *Project Name* DTT35XS_SM_Small_Mirror Désignation / *Title* ICD_DTT35XS_SM_Small_Mirror
Dessine par / *Drawn by* aguignabert	CEDRAT TECHNOLOGIES Innovation in Mechatronics 59 chemin du vieux Chêne, 38246 Meylan TEL : 04 56 58 04 00	CONFIDENTIEL INDUSTRIE Ce document est la propriété de CEDRAT TECHNOLOGIES. Ne peut être communiqué sans autorisation écrite.	Format A4
Vérifié par / *Checked by* apieton	Obsolescence / *Life Cycle* R&D	Date 18/06/2019	Echelle/Scale 1:1
Validé par / *Approved by* aguignabert	Masse / *Mass* g	Reference / Revision 021015 / A.02	Page 2/2