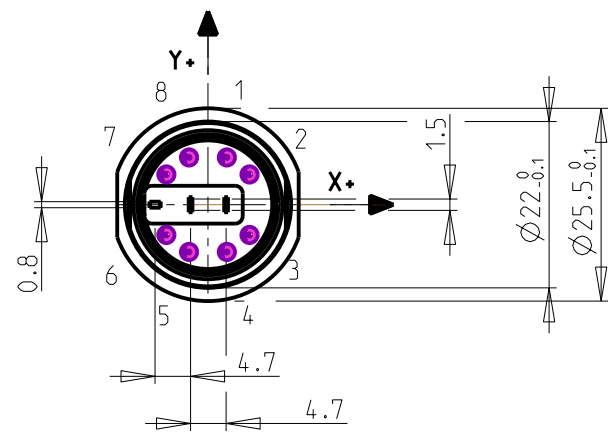
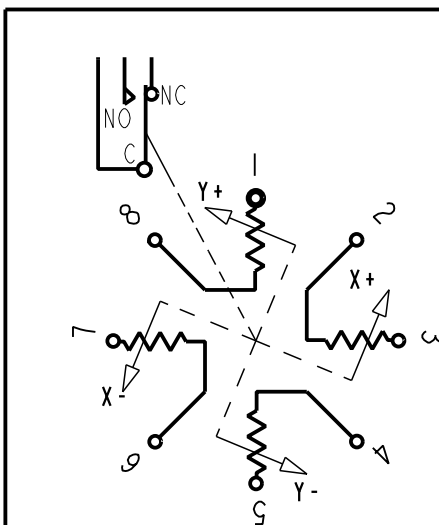
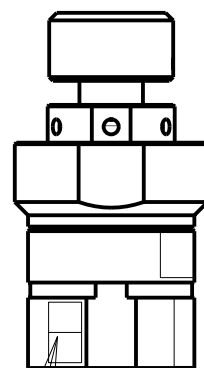
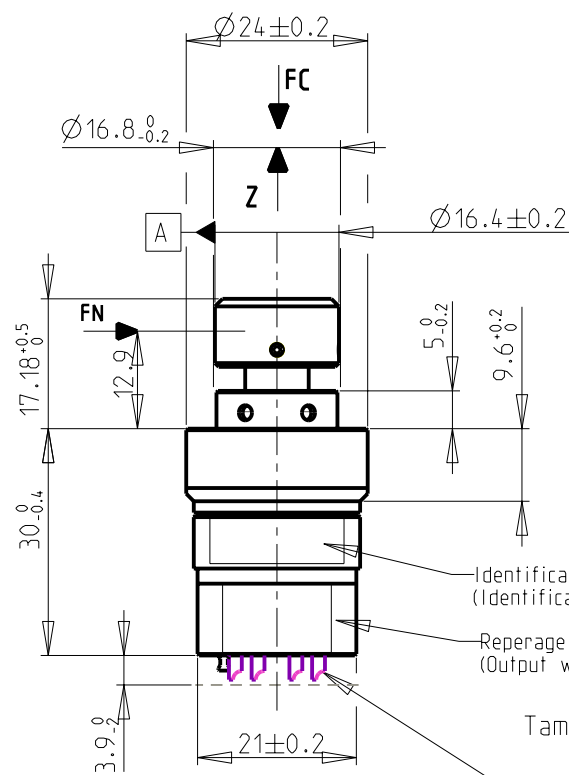
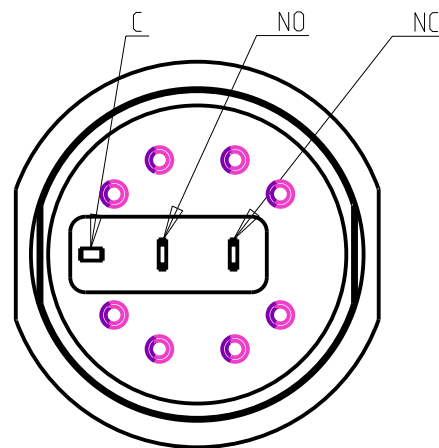


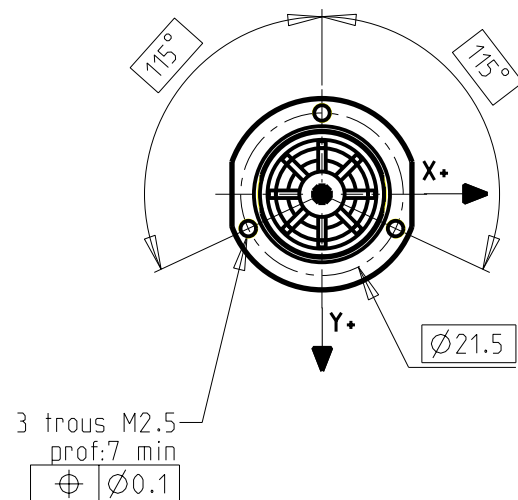
8 broches ref TYCO 66570-3



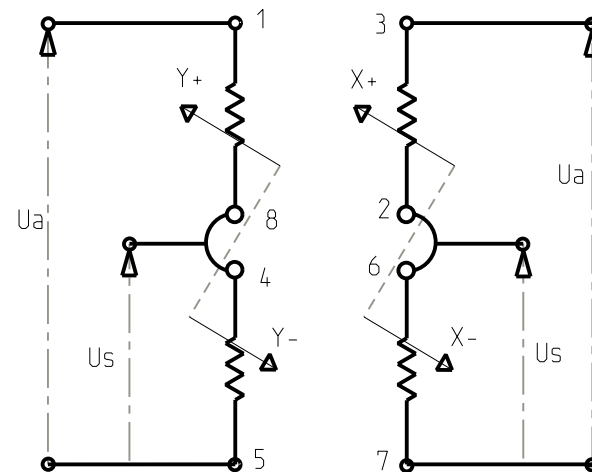
ECHELLE 2/1



8 broches a souder pour fil Ø 1.17 mm max (AWG 18)
(8 solder terminals whit solder cup Ø 0.046 inches Max (up to 18 AWG))



-Les caracteristiques electriques sont donnees pour un montage en 1/2 pont.
-The electric characteristics are given for a wiring in half bridge.



* **Caract. GENERALES**

* **GENERAL Caract.**

Temperature d'emploi (MIL STD 810D/506-2/proced 2)	Ambiant Temperature range (MIL STD 810D/506-2/proced 2)	-55 ° A +85 °C Goutte à goutte
Rigidite dielectrique (MIL STD 202F - methode 301)	Dielectric withstanding voltage (MIL STD 202F - method 301)	50VDC
Resistance d'isolement (ISO 2678 - 1985)	Insulation resistance (ISO 2678 -1985)	>10MΩ sous 50Vcc
MTBF a moitie charge	Half force MTBF	10e6 cycles
Masse	Mass	100g Max
Minirupteur : résistance de contact sous 1A DC	Minirupteur : Resistance of contact under 1A DC	10 mΩ max

* **Caract. MECANIKES**

* **MECHANICAL Caract.**

Axe X et Y	X Y Axis	/
FN -> Force Nominale de Commande	FN -> Operate Force	7 N
Course Max	Maximum travel	0.65 mm Max
FA -> Force Admissible en fin de course	FA -> Maximum end travel Force	13.5 N Max
Couple admissible sur le bouton	Maximum Torque on knob	0.3 m.N
Endurance Mecanique	Mecanical Endurance	300 000 manoeuvres

Validation	Validation	/
Force de commande	Operate Force	25 N Max
Force de relachement	Release Force	1.5 N min
Course Totale	Total travel	3 mm Max
Endurance mecanique	Mecanical endurance	50 000 manoeuvres
Course d'approche	Pre travel	2 mm Max

* **Caract. ELECTRIQUES**

* **ELECTRICAL Caract.**

Les caracteristiques electriques sont donnees pour un montage en 1/2 pont	The electric characteristics are given for a wiring in half bridge	/
Tension d'alimentation UaN	Nominal Voltage UaN	0+15Vdc±2% or 0-15Vdc±2% or ±7.5Vdc±2%
Resistance nominale d'une resistance	Nominal resistance of a gauge	2000 Ohms±100 Ohms

Axes X et Y	X Y Axis	UaN :15Vdc	5Vdc:Ua/15.3 Vdc
Tension de sortie Us a effort nul	Us Output voltage at null force	7.5 Vdc ±0.15	7.5xUa/UaN Vdc ±0.15xUa/UaN
Tension de sortie sous FA (EFA)	Output voltage at FA (EFA)	1.350 Vdc ±0.675	1.350xUa/UaN Vdc ±0.675xUa/UaN
Sensibilite nominale (SN)	Nominal sensibility (SN)	0.1V/N±0.05	0.1xUa/UaN V/N ±0.05xUa/UaN
Erreur de linearite	Linearity error	±0.07 Vdc	±0.07xUa/UaN Vdc
Hysteresis	Hysteresis	±0.1Vdc	±0.1xUa/UaN Vdc
Derive de sensibilite en T*	Sensitivity temperature coefficient	±0.2% /SN/°C *	±0.2% /SN/°C
Derive de tension residuelle en T*	Operate force volt. Temp.Coeff.	±0.05% /EFN/°C *	±0.05% /EFN/°C *

Validation	Validation	/
Pouvoir de coupe	Electrical rating	
Charge resistive	Resistive circuit	2A-30Vdc
Charge inductive	Inductive circuit	1A-30Vdc

Product:

J	Mise à jour des forces de commandes : FN : 13.5N-> 7N. Force fin de course 20N max -> 13.5N max. Resistance de contact sous 1A DC : 10mΩ -> 10mΩ max. Tension de sortie Us à effort nul devient 7.5Vdc±0.15.	Modified by	T_VINARD	09/04/2008
		Verified by	A_BONNARD	09/04/2008
		Authorized by	Non Applic.	

Toler. gene. Lin ± 0.1 mm	This document is the property of Crouzet-Automatismes. It's contents cannot be reproduced or divulged without the company's written approval. The product data and specifications found on this document do not constitute any contractual obligation. Crouzet-Automatismes and its subsidiaries reserve the right to modify the specifications. All rights of reproduction, modification, reprinting, and translation reserved for all countries.	Scale 1/1
Toler. gene. Ang ± 1 degrees		
Crouzet General Raw surface Ra ✓	Customer:	Customer Ref.:

2, rue du Dr ABEL BP 59, 26902, Valence CEDEX 9 France	Designation/FR: Designation/GB:	JOYSTICK	PFT001:x<C>;y<M>
Department: CT	Design by O_YERNAUX 21/12/2004 Verif. by JF_HILAIRE	DATA SHEET	Dispatching 01
NATO code: FAOX2	Authorized by Non Applic.	FT83459008FR	Index J Format A3 Folio 1/1