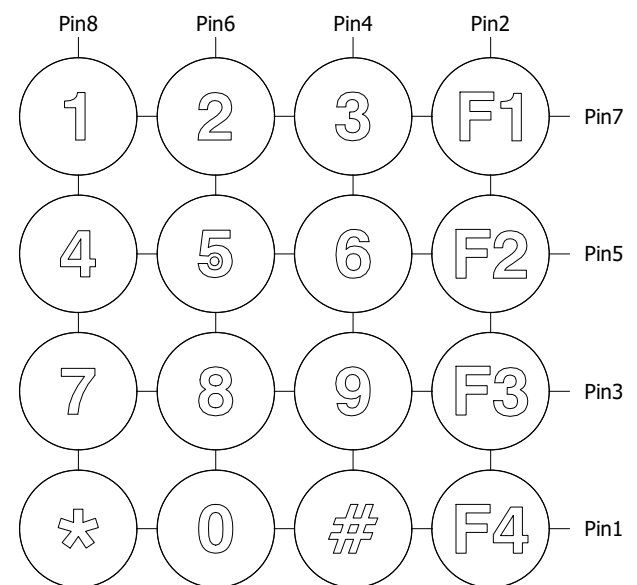


**CN1 Pin Out**

Pin 9 and Pin 10: N.C.



**Grafos Steel S.r.l.**  
 Via Treves 19/21  
 41043 Formigine (MO) ITALY  
 Tel. +39.059.57.50.267  
 www.grafossteel.it

Date:  
 11/02/2014

Material:

Title: Digi Inox Keyboard; 16 buttons (R17 keycap); rear mount								
P/N: <b>DGI.16R17.R</b>		Rev:	File: DGI.16R17.R (data sheet).idw					
Dimensions without indicated tolerances - precision according to: <b>ISO 2768 F</b>		Tolerance class	Lenght (mm)		Drawn: <b>A. Tosi</b>			
			>0 - 6	>6-30		>30-120	>120-400	
			C (Coarse)	± 0.2		± 0.5	± 0.8	± 1.2
			M (medium)	± 0.1		± 0.2	± 0.3	± 0.5
		F (Fine)	± 0.05	± 0.1	± 0.15	± 0.2	Approved:	
Surface treatment:			Sheet: 1	Of: 2				

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS**

Buttons;  
AISI316L Stainless Steel (1,5 mm thick)  
Chemical engraving + color infill (black)

Front plate;  
AISI316L Stainless Steel  
(2 mm thick)

Silicone sealing gasket  
(0,3 mm thick)

Neoprene softfoam  
sealing gasket  
(3 mm thick; uncompressed)

Optional back plate available  
(ordering code: **SLS001339**)

CN1 (2x5 box header 2,54 mm)

PCB FR4 (2,4 mm thick)

Material	AISI 316L Stainless Steel (2,00 mm thick) front plate; AISI 316L Stainless steel (1,5 mm thick) buttons with built-in silicone rubber sealing gasket
Lettering	Chemical etching and colour filling (epoxy paint)
Button stroke	0,6 mm +/- 0,1 mm
Actuation force	4,0 N (typical)
Life expectancy	>3.000.000 cycles
IP Protection rate	IP65
Impact Protection Rate	IK08
Contact technology	Stainless steel metal dome on Gold plated PCB
Contact resistance	<30 Ohm (Vmax=12Vdc; Imax=20mA)
Insulation resistance	>500K Ohm (Vmax=12Vdc; Imax=20mA)
Operating temperature	-25°/+85°C
Storage temperature	-25°/+85°C

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Date:  
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Material:

Title:  
Digi Inox Keyboard; 16 buttons (R17 keycap); rear mount

P/N: **DGI.16R17.R**

Dimensions without indicated tolerances -  
precision according to:  
**ISO 2768 F**

Rev: File:  
DGI.16R17.R (data sheet).idw

Tolerance class	Lenght (mm)			
	>0 - 6	>6-30	>30-120	>120-400
C (Coarse)	± 0.2	± 0.5	± 0.8	± 1.2
M (medium)	± 0.1	± 0.2	± 0.3	± 0.5
F (Fine)	± 0.05	± 0.1	± 0.15	± 0.2

Drawn:  
**A. Tosi**

Approved:

Sheet: 2 Of: 2



**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS**