

Features

- IP66 (front plate)
- PC-compatible-keyboard with 105 short stroke keys
- Designed for use in hazardous areas, Class I/Div. 2, and Class II/Div. 2
- USB interface
- Nonincendive Division 2 / Zone 2 barrier required
- Panel mount or stainless steel housed keyboard
- International keyboard layouts

Application

The EXTA3-⁻-K^{*}-^{*} is a non-incendive keyboard with USB interface. The keyboard is designed for panel mounting or for installation in a desktop housing.

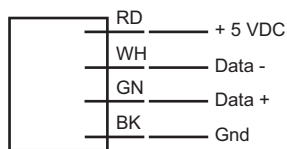
Pointing devices can be configured as part of the model nomenclature:

- K1 No pointing device
- K3 Mechanical trackball
- K4 Capacitive touchpad
- K6 Joystick
- K8 Sealed optical trackball
- K9 Glove friendly resistive touchpad

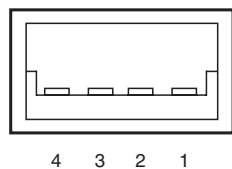


Connection

Cable ends

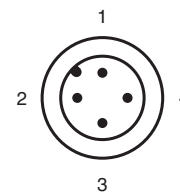


Type A USB



Pin	Description
1	+ 5 VDC
2	Data -
3	Data +
4	Gnd



4-pin, M12



Pin	Description
1	+ 5 VDC
2	Data -
3	Data +
4	Gnd

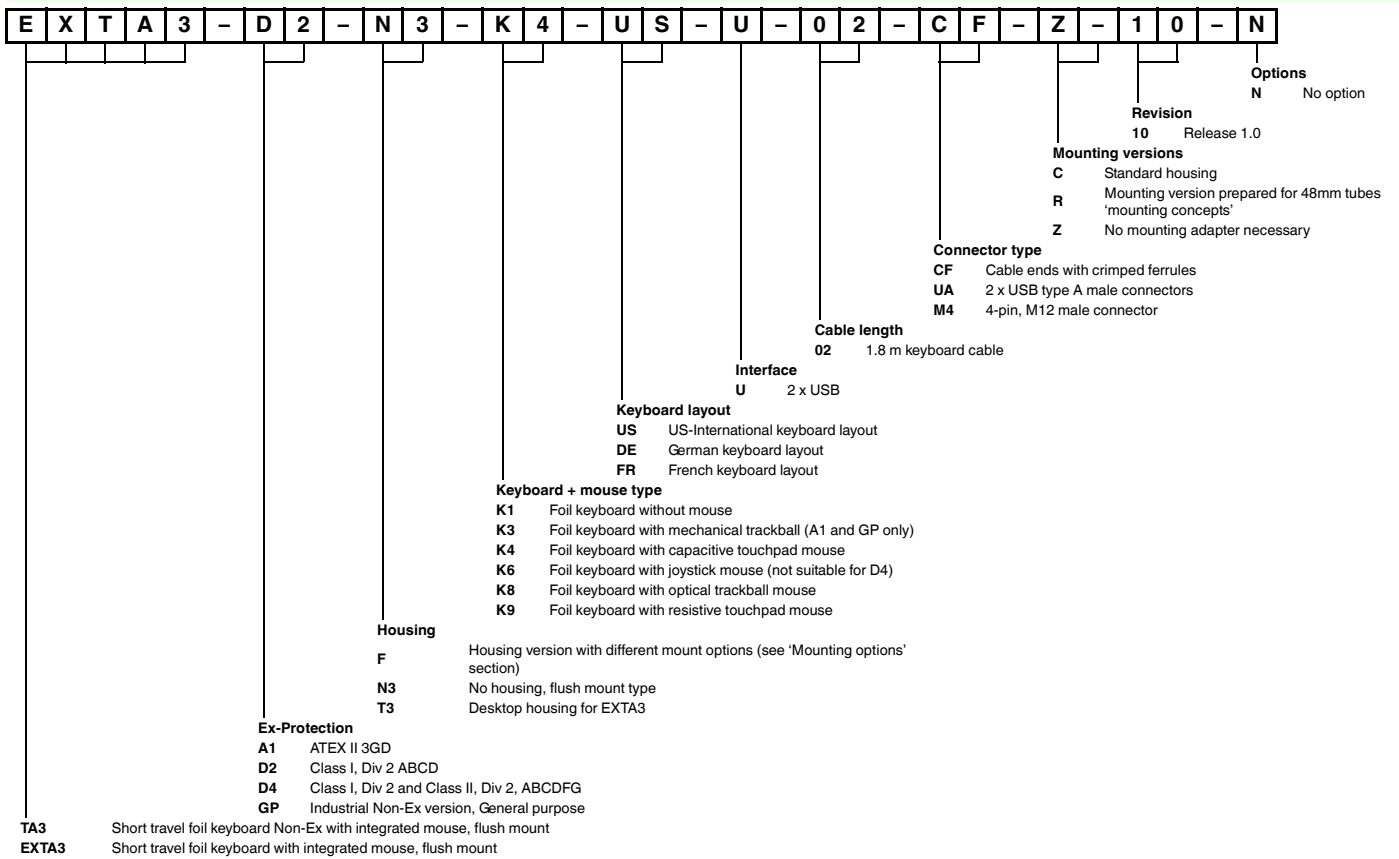
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

General specifications	
Type	Keyboard without mouse
Suitable components	SK-PC-D2-UU1-10-HS
Supply	
Rated voltage U_r	Ex i, via data line
Indicators/operating means	
Keyboard	105 entry keys Keyboard layout: US international (further keyboard layouts on demand)
Directive conformity	
Electromagnetic compatibility Directive 2004/108/EC	EN 61000-4-2: 2009, EN 61000-4-3: 2006 + A1: 2008, EN 61000-4-4: 2004, EN 61000-4-6: 2009, EN 55011: 2009, EN 61000-6-2: 2005, EN 61000-6-4: 2007, EN 61326-1: 2006
Conformity	
Degree of protection	IP66 (front plate) Type 4X
Ambient conditions	
Operating temperature	-20 ... 50 °C (-4 ... 122 °F)
Storage temperature	-10 ... 70 °C (14 ... 158 °F)
Relative humidity	max. 85 % , non-condensing (48 h endurance test)
Mechanical specifications	
Material	anodized aluminum , Polyester foil
Mass	1.2 kg
Dimensions	Desktop mount: 559.3 mm x 254.6 mm x 44.5 mm (22.02" x 10.02" x 1.75") Panel mount: 491.4 mm x 186.8 mm x 45 mm (19.35" x 7.35" x 1.77")
Cut out dimensions	483 mm x 178.2 mm
Cable length	1.8 m
Note	The nonincendive barrier, SK-PC-D2-UU1-10-HS, is required when using this product.
Data for application in connection with hazardous areas	
Certificate	PF II CERT 1918X
Marking	 II 3GEx ic IIC T4 Gc  II 3D EX ic IIB T135°C Dc
Input	
Voltage U_o	5.4 V DC
Current I_i	240 mA
Internal capacitance C_i	24 μ F
Internal inductance L_i	negligible
Directive conformity	
Directive 94/9/EC	EN 60079-0: 2009 EN 60079-11: 2007
International approvals	
UL approval	cULus (E190294)
Approved for	Class I, Division 2, Groups A, B, C, D, T4 Class II, Division 2, F,G

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Type code



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