












MICRO SWITCH™ Hazardous Area Switches Hazardous Location Approvals

Agency Approval				Hazardous Designations		Sealing		Operating Temp.		BX	
											
14CE100	CLSX	GXA/GXE	LSX	EX	GSX	CX	WBX	BX2	VPX	BX	
ATEX (CE)	UL	ATEX (CE)	UL	ATEX (CE)	cULus	UL	cULus	cULus	ATEX (CE)	UL	EAC (GOST-R)
ATEX (CE)	CSA	IEC Ex	CSA	IEC Ex	ATEX	CSA	ATEX (CE)	ATEX (CE)	IEC Ex	CSA	UL
II 2 G Ex d IIC T6	Div I & 2, Class I Groups B, C, & D	II 2 G Ex d IIC T6	Div I & 2, Class I Groups B, C, & D	Div I & 2, Class I Groups B, C, & D	ATEX	ATEX (CE)*	IEC Ex	IEC Ex	KOSHA	ATEX (CE)	IEC Ex
II 2 D Ex tD A21 T85C	Div I & 2, Class II Groups E, F, & G	II 2 D Ex tD A21 T85C	Div I & 2, Class II Groups E, F, & G	Div I & 2, Class II Groups E, F, & G	KOSHA	IEC Ex*	FCC, IC, ETSI	IEC Ex	NEPSI	IEC Ex	INMETRO
IP65/66/67	NEMA 1, 3, 4, 13	IP66	NEMA 1, 3, 4, 6, 13	NEMA 1	ATEX (CE)	INMETRO	Div I & 2, Class I Groups B, C, & D	INMETRO	II G Ex ia IIC T4 Ga (prox version)	NEPSI	KOSHA
0 °C to 70 °C	-25 °C to 40 °C	3 A: -20 °C to 75 °C 4 A: -20 °C to 60 °C	-40 °C to 121 °C	EX: -40 °C to 70 °C EXHT: -40 °C to 204 °C	ATEX (CE)	INMETRO*	Div I & 2, Class II Groups E, F, & G	NEPSI	II D Ex ia IIIC T135°C Da (prox version)	NEPSI	INMETRO
					ATEX (CE)	INMETRO	II 1 G Ex ia IIC T4 Ga	Div I & 2, Class I Groups B, C, & D	II 2 G Ex db IIC T6 Gb	Div I & 2, Class I Groups B, C, & D	Div I & 2, Class I Groups B, C, & D
					IEC Ex	INMETRO	II 1 D Ex ia IIIC T135C Da	Div I & 2, Class II Groups E, F, & G	II 2 D Ex tb IIIC T85°C Db	II 2 G Ex d IIC T6 Gb 1 Ex d IIC T6 Gb	II 2 G Ex d IIC T6 Gb
					INMETRO	INMETRO	Class I, Zone 0, AEx ia IIC T4 Ga; Class I, Zone 1, AEx ia IIC T4 Ga	II 2 G Ex d IIC T6 Gb 1 Ex d IIC T6 Gb	IP66/67	II 2 G Ex d IIC T6 Gb 1 Ex d IIC T6 Gb	II 2 G Ex d IIC T6 Gb 1 Ex d IIC T6 Gb
					INMETRO	INMETRO	Class II, Zone 20, AEx ia IIIC T135°C; Class II, Zone 21, AEx ia IIIC T135°C	II 2 D Ex tb IIIC T85C Db	NEMA 1, 3, 4, 4X, 6, 13	II 2 D Ex tb IIIC T85C Db	II 2 D Ex tb IIIC T85C Db
					INMETRO	INMETRO		IP67	-40 °C to 50 °C (4 EM switch version)	IP67	IP67
					INMETRO	INMETRO		IP67	-40 °C to 60 °C (2 EM switch version)	IP67	IP67
					INMETRO	INMETRO		IP67	-40 °C to 80 °C (prox switch version)	IP67	IP67
					INMETRO	INMETRO		IP67		IP67	IP67

* Select catalog listings
While Honeywell provides application assistance personally, through its literature and the Honeywell Web site, it is up to the customer to determine the suitability of the product in the application.