












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	cULus	UL	EAC (GOST-R)
ATEX (CE)	CSA	KOSHA	Div I & 2, Class I Groups B, C, & D	Div I & 2, Class I Groups B, C, & D	ATEX	CSA	ATEX (CE)	ATEX (CE)	ATEX (CE)	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 II Groups E, F, & G	Div I & 2, Class II Groups E, F, & G	IEC Ex	ATEX (CE)*	IEC Ex	IEC Ex	IEC Ex	ATEX (CE)	UL
II 2 D Ex tD A21 T85C	Div I & 2, Class II Groups E, F, & G	II 2 D Ex tD A21 T85C	IP67	EX: II 2 G Ex d IIB + H ₂ T6 Gb EXHT: II 2 G Ex d IIB + H ₂ T2 Gb	KOSHA	IEC Ex*	FCC, IC, ETSI	IEC Ex	KOSHA	ATEX (CE)	UL
IP65/66/67	NEMA 1, 3, 4, 13	IP66	NEMA 1, 3, 4, 6, 13	NEMA 1	INMETRO	INMETRO*	Div I & 2, Class I Groups B, C, & D	INMETRO	NEPSI	IEC Ex	CSA
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 G Ex ia IIC T4 Ga (prox version)	IEC Ex	CSA
					INMETRO	INMETRO*	II 1 G Ex ia IIC T4 Ga	Div I & 2, Class I Groups B, C, & D	II D Ex ia IIIC T135°C Da (prox version)	NEPSI	ATEX (CE)
					Div I & 2, Class I Groups B, C, & D	Div I & 2, Class I Groups B, C, & D	II 1 D Ex ia IIIC T135C Da	Div I & 2, Class II Groups E, F, & G	II 2 G Ex db IIC T6 Gb	NEPSI	ATEX (CE)
					II 2 G Ex d IIC T6 Gb	II 2 G Ex d IIC T6	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	II 2 D Ex tb IIIC T85°C Db	II G Ex ia IIC T4 Ga (prox version)	ATEX (CE)
					II 2 D Ex t IIIC IP6X T85C Db	II 2 D Ex tD A21 IP66 T85C	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	II 2 D Ex tb IIIC T85°C Db	II D Ex ia IIIC T135°C Da (prox version)	ATEX (CE)
					IP67	IP66/67	IP67	IP67	NEMA 1, 3, 4, 4X, 6, 13	II D Ex ia IIIC T135°C Da (prox version)	ATEX (CE)
					NEMA 1, 4, 6, 12, 13	NEMA 1, 3, 4, 4X, 6, 6P, 13	NEMA 1, 3, 4, 6, 13	NEMA 1, 3, 4, 4X, 6, 13	-40 °C to 50 °C (4 EM switch version)	II D Ex ia IIIC T135°C Da (prox version)	ATEX (CE)
					NEMA 1, 4, 6, 12, 13	NEMA 1, 3, 4, 4X, 6, 6P, 13	NEMA 1, 3, 4, 6, 13	NEMA 1, 3, 4, 4X, 6, 13	-40 °C to 60 °C (2 EM switch version)	II D Ex ia IIIC T135°C Da (prox version)	ATEX (CE)
					-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 80 °C (prox switch version)	II D Ex ia IIIC T135°C Da (prox version)	ATEX (CE)
					-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	II D Ex ia IIIC T135°C Da (prox version)	ATEX (CE)

* 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.