Honeywell

MICRO SWITCH™ Hazardous Area Switches

Hazardous Location Approvals

Agency Approval Hazardous Designations									VPX	BX EAC (GOST-R)
Sealing						900	WBX	BX2	cULus	UL
Operating Temp.		9		S MAN CONTRACTOR OF THE PARTY O	GSX	сх	cULus	cULus	ATEX (CE)	CSA
					cULus	UL	ATEX (CE)	ATEX (CE)	IEC Ex	ATEX (CE)
	Custo			EX	ATEX	CSA	IEC Ex	EAC (GOST-R)	KOSHA	IEC Ex
				UL	IEC Ex	ATEX (CE)*	FCC, IC, ETSI	IEC Ex	NEPSI	INMETRO
				CSA	KOSHA	IEC Ex*	Div I & 2, Class I Groups B, C, & D	INMETRO	II G Ex ia IIC T4 Ga (prox version)	KOSHA
The state of the s		GXA/GXE	LSX	ATEX (CE)	INMETRO	INMETRO*	Div I & 2, Class II Groups E, F, & G	NEPSI	II D Ex ia IIIC T135°C Da (prox version)	NEPSI
1	CLSX	ATEX (CE)	UL	IEC Ex	Div I & 2, Class I Groups B, C, & D	Div I & 2, Class I Groups B, C, & D	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
14CE100	UL	IEC Ex	CSA	INMETRO	Div I & 2, Class II Groups E, F, & G	Div I & 2, Class II Groups E, F, & G	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	Div I & 2, Class II Groups E, F, & G
ATEX (CE)	CSA	KOSHA	Div I & 2, Class I Groups B, C, & D	Div I & 2, Class I Groups B, C, & D	II 2 G Ex d IIC T6 Gb	II 2 G Ex d IIC T6	Class I, Zone O, 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	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	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	NEMA 1, 3, 4, 4X, 6, 13	II 2 D Ex tb IIIC T85C Db
II 2 D Ex tD A21 T85C	Div I & 2, Class II Groups E, F, & G	II 2 D ExtD 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	IP67	IP66/67	IP67	IP67	-40 °C to 50 °C (4 EM switch version)	IP67
IP65/66/67	NEMA 1, 3, 4, 13	IP66	NEMA 1, 3, 4, 6, 13	NEMA 1	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)	NEMA 1, 3, 4, 6, 13
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	-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)	-40 °C to 70 °C

^{*} 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.