Honeywell
THE POWER OF **CONNECTED**

MICRO SWITCH Hazardous Area Switches

Hazardous Location Approvals

Agency Approval
Hazardous Designations
Sealing
Operating Temp.

	V15W2	**CLSX**	**GXA/GXE**	**LSX**	**EX**	**GSX**	**CX**	**BX2**	**VPX**	**BX**
14CE100	UL, cUL	UL	IEC Ex	CSA	INMETRO	Div I & 2, Class II Groups E, F, & G	Div I & 2, Class II Groups E, F, & G	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)	ENEC, CQC	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	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	IEC Ex	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	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	Zone 2 Ex nC IIA T5 Gc	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	IP67	IP66/67	IP67	-40 °C to 50 °C (4 EM switch version)	IP67
IP65/66/67	IP67 equivalent	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, 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 85 °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 80 °C (prox switch version)	-40 °C to 70 °C
						ATEX (CE)	IEC Ex*	ATEX (CE)	ATEX (CE)	EAC (GOST-R)
						ATEX	IEC Ex	IEC Ex	KOSHA	IEC Ex
						IEC Ex	ATEX (CE)*	INMETRO	NEPSI	INMETRO
						KOSHA	IEC Ex*	KOSHA	II G Ex ia IIC T4 Ga (prox version)	KOSHA
						INMETRO	INMETRO*	NEPSI	II D Ex ia IIIC T135°C Da (prox version)	NEPSI
						cULus	UL	cULus	cULus	UL
						UL	CSA	EAC (GOST-R)	IEC Ex	ATEX (CE)
						CSA	ATEX (CE)*	IEC Ex	KOSHA	IEC Ex
						IEC Ex	IEC Ex*	INMETRO	NEPSI	INMETRO
						ATEX (CE)	INMETRO*	NEPSI	II D Ex ia IIIC T135°C Da (prox version)	NEPSI
						IEC Ex	Div I & 2, Class I Groups B, C, & D	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
						INMETRO	Div I & 2, Class II Groups E, F, & G	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
						Div I & 2, Class I Groups B, C, & D	II 2 G Ex d IIC T6 Gb	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
						Div I & 2, Class II Groups E, F, & G	II 2 D Ex t IIIC IP6X T85C Db	II 2 D Ex tb IIIC T85C Db	NEMA 1, 3, 4, 4X, 6, 13	II 2 D Ex tb IIIC T85C Db
						EX: II 2 G Ex d IIB + H_2 T6 Gb EXHT: II 2 G Ex d IIB + H_2 T2 Gb	IP67	IP67	-40 °C to 50 °C (4 EM switch version)	IP67
						EX: -40 °C to 70 °C EXHT: -40 °C to 204 °C	NEMA 1, 4, 6, 12, 13	NEMA 1, 3, 4, 4X, 6, 13	-40 °C to 60 °C (2 EM switch version)	NEMA 1, 3, 4, 6, 13
						-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.

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