

ATEX Kategori	Zone	Patlayıcı Ortam	EPL	Type of protection	Code	According to
1	0	Gaz	"Ga"	Intrinsically safe	"ia"	IEC 60079-11
				Encapsulation	"ma"	IEC 60079-18
				Two independent types each meeting EPL "Gb" of protection		IEC 60079-26
				Protection of equipment and transmission systems using optical radiation	"op" is	IEC 60079-28
				Special protection		
	20	Toz	"Da"	Encapsulation	"ma"	IEC 60079-18
				Protection by enclosure	"ta"	IEC 60079-31
				Intrinsically safe	"ia" or "iaD"	IEC 60079-11 or IEC 61241-11
				Special protection	"sa"	IEC 60079-33
2	1	Gaz	"Gb"	Flameproof enclosures "d" IEC 60079-1	"d"	IEC 60079-1
				Increased safety	"e"	IEC 60079-7
				Intrinsically safe	"ib"	IEC 60079-11
				Encapsulation	"m" "mb"	IEC 60079
				Oil immersion	"o"	IEC 60079-6
				Pressurized enclosures	"p", "px", "py", "pxb", "pyb"	IEC 60079-2
				Powder filling	"q"	IEC 60079-5
				Fieldbus intrinsically safe concept (FISCO)		IEC 60079-27
	Protection of equipment and transmission systems using optical radiation	"op is", "op sh", "op pr"	IEC 60079-28			
	21	Toz	"Db"	Encapsulation	"mb"	IEC 60079-18
				Protection by enclosure	"tb" or "tD"	IEC 60079-31 IEC 61241-1
				Pressurized enclosures	"pD"	IEC 61241-4
				Intrinsically safe	"ib" or "ibD"	IEC 60079-11 or IEC 61241-11
				Special protection	"sb"	IEC 60079-33
3	2	Gaz	"Gc"	Special protection	"sb"	IEC 60079-33
				Encapsulation	"mc"	IEC 60079-18
				Non-sparking	"n" or "nA"	IEC 60079-15
				Restricted breathing	"nR"	IEC 60079-15
				Energy limitation	"nL"	IEC 60079-15
				Sparking equipment	"nC"	IEC 60079-15
				Pressurized enclosures	"pz" or "pzc"	IEC 60079-2
				Protection of equipment and transmission systems using optical radiation	"op is" "op sh" "op pr"	IEC 60079-28
	Special protection	"sc"	IEC 60079-33			
	22	Toz	"Dc"	Encapsulation	"mc"	IEC 60079-18
				Protection by enclosure	"tc" or "tD"	IEC 60079-31 IEC 61241-1
				Pressurized enclosures	"pD"	IEC 61241-4
				Intrinsically safe	"ic"	IEC 60079-11
				Special protection	"sc"	IEC 60079-33