

Atex Directive 2014/34/EU



Equipment for use in potentially explosive atmospheres

	in hazardous areas					Subdivision of	gaooo ana ra	pours						estriction	
lammable			Subdivision	<u> </u>		Apparatus may	Explosion	Gases and vapours						for using apparatus	
ubstances	flammable substances i hazardous places		of hazardous places	equipment group	category group	be used in	subgroup	ammonia	ethyl alcohol	galsoline	acetaldehyde			equirements thout	Marking
	is present continuously for long periods or freq		zone 0	II	1G	IIA	IIA	methane ethane propane	cyclohexane n-butane	n-hexane			re	striction	-
gases vapours	is likely to occur in normal operation occasionally		zone 1	II	2G or 1G	IIB	IIB	town gas, acrylnitril	ethylene ethylene	ethylene glycol hydrogen	ethyl-ether			ecial condition ay be noted	Х
	is not likely to occur in opration but, if it does of persist for a short perio	occur, will	zone 2	II	3G or 2G or 1G	IIC	ıık	hydrogen	oxide ethane	sulphide			sulphide of wh	component, nich is not tended to be	
	is present continuously or for for long periods or frequently		zone 20	II	1D				re classes subdi				on temperature us	ed alone d requires lditional	
dusts	is likely to occur in normal operation occasionally		zone 21	II	2D or 1D			T1 > 450 °C	T2 > 300 to ≤ 450 °C	T3 > 200 to ≤ 300 °C	T4 > 135 to ≤ 200 °C	T5 > 100 to ≤ 135 °C	≤ 100 °C Ce	rtification. E-Conformity of	U
	it is not likely to occur in normal operation but, if it does occur, will persist for a short period only		zone 22	II	3D or 2D or 1D			apparatus n	nay be used in		T3		the cer ins	e component is rtified when stalled in complete	
methane	-		mines	I	M1					13	T4		eq	uipment or	١.
dusts	-		mines	I	M2 or M1							T5	T6 pr	otective system.	<u> </u>
		_	_	<u> </u>	<u> </u>		_	↓							\downarrow
C E	0081	(3)	<u></u>	applications	2G I	EEX	d		eneral requireme		NI 	B (n	°)ATE	X(n°	60079-0
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LCIE INERIS BAM	France France Germany	008	81 all con sw	applications	rs, fuses,	an propagatior inside to the o	- n of an explosion utside is exclud	g (eneral requireme	ints		7	-	EN 50014	60079-0
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LCIE INERIS BAM DMT DQS	France France Germany Germany	004 004 054 015	380 coo sw 389 ins	applications ntrol stations, moto itchgear, power eler	rs, fuses, ctronics motors, luminaries	an propagation inside to the o	n of an explosion utside is exclud rcs, sparks and perature	gi n ed fli	eneral requireme ameproof encloss	ints		EEx d	1 or 2	EN 50014 EN 50018 EN 50019	60079-0
LCIE INERIS BAM DMT DQS FSA	France France Germany Germany Germany	004 004 054 011 029	81 all coopers sw ins sw ins sw tech	applications ntrol stations, moto itchgear, power eler	rs, fuses, ctronics motors, luminaries trol, automation	an propagation inside to the o	n of an explosion utside is exclud rcs, sparks and perature	gring fla	eneral requireme ameproof encloss	ints		EEx d	1 or 2	EN 50014 EN 50018	60079-0 60079-1 60079-7
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