

ATEX / IECEx Intrinsically Safe Coils






Parker Fluid Control Division is pleased to announce the addition of several new coils for Intrinsic Safety requirements designed to comply with European directive 94/9/EC and ATEX standards EN 60079-0, EN60079-11, EN 61241-0 and EN61241-1. Also complies with IEC standards IEC60079-0, IEC60079-11, IEC61241-0 and IEC 61241-1.

An intrinsic safe system or system element in a hazardous area is intrinsically safe when in any circumstance no explosion can be caused by either a spark or other heat source. The power level of an intrinsically safe electrical system is extremely low.

Intrinsically safe valves are recommended or even compulsory where the highest safety level against explosion is required. A specially designed valve operator system is used to operate the valve at extremely low power.

Each electrical apparatus must be further protected within the hazardous environment by a compatible safety barrier.

The following is current information as it relates to ATEX INTRINSICALLY SAFE coils:

<u>Coil Code</u>	<u>Wattage/Cable Length</u>	<u>Protection/Temp. Class</u>	<u>Marking</u>	<u>Certificate of Conformity</u>
495910N7	3w/scew terminal	Ex ia IIC T6 tD A20 IP67 T80°C	CE ₀₀₈₁  II 2 G / D	LCIE 02 ATEX 6464 X IECEX LCI 07.0006 X
496565N7	3w/scew terminal	EEx ia IIB or IIC T4/T5/T6 tD A20 IP67 T130°C/ T95°C / T 80°C	CE ₀₀₈₁  II 2 G / D	LCIE 08ATEX 6071 IECEX LCI 08.0030 X
490885L8	3w/scew terminal	Ex ia IIC T6 tD A20 IP66 T80°C	CE ₀₀₈₁  II 2 G / D	LCIE 02 ATEX 6024 X Meets FM / CSA agency certifications
490890L8	3w/2000mm	Ex ia IIC T6 tD A20 IP66 T80°C	CE ₀₀₈₁  II 2 G / D	LCIE 02 ATEX 6024 X Meets FM / CSA agency certifications
49296501N7	3w/scew terminal	Ex ia IIC T6 tD A20 IP66 T80°C	CE ₀₀₈₁  II 2 G / D	LCIE 02 ATEX 6066 X IECEX LCI 07.0007 X