


1797-OE8 FLEX Ex 8 Output Analog Module

CENELEC Updated Certificate Specification

The FLEX Ex 8 output analog module certificates specification is updated as shown in the bottom row of the following table:

Output (Intrinsically Safe) (16 pin male and female flexbus connector)	$U_i \leq 5.8V$ dc $I_i \leq 400mA$ $L_i =$ Negligible $C_i \leq 1.35mF$
Power Supply (+V, -V Intrinsically Safe)	$U_i \leq 9.5V$ dc $I_i \leq 1A$ $L_i =$ Negligible $C_i =$ Negligible
Operational Temperature	-20 to +70°C (-4 to +158°F)
Agency Certification	II (1) 2G EEx ia/ib IIB/IIC T4
Certificates	DMT 00 ATEX E 042 X 

For a full list of specifications, refer to the FLEX Ex 8 Output Analog Module Installation Instructions, publication 1797-5.3.

Updated CE, CENELEC I/O Entity Parameters

The FLEX Ex 8 output analog module allowed capacitance within the EEx ia protection specification and the value of P_o were updated as shown in the following table:

	Protection	Group	Allowed Capacitance	Allowed Inductance
$U_o = 21V$ $I_o = 100mA$ $P_o = 520mW$	EEx ia	IIB	1.27mF	8mH
		IIC	188nF	2mH
If concentrated capacitance and/or inductance are available, use the following values.	EEx ia	IIB	295nF	10mH
		IIC	70nF	2mH

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