

	DECLARATION OF DESIGN AND PERFORMANCE	Reference DDP Connector for indicator
	Connector for indicator	Page 1 / 3

- **Name and address of supplier:** Amphenol Air LB
2, rue Clément Ader
ZAC de WE
08 110 CARIGNAN France

- **Description of product:** Connector for indicator, for commands and indications.

- **Part number:**

Connector for indicator ref: 3555 8001 000

- **Specification number:** ASNE 0417.

- **Overall dimensions, interfaces, connections (electrical, hydraulic, etc.), installation information in drawing:**

According to corresponding technical sheet

- **Compliance statement related to the specification (including any limitations on use):**

The qualification is equivalent to ASNE 0417.

- **Inspection and maintenance instruction reference:** As specified in Amphenol Air LB quality manual

- **Qualification test report reference:** CRE 09-018 issue ø.

See following table for the main performances:

Constitution	
Shell material	Thermoplastic
Shell plating material	Not concerned
Insulation material	Not concerned
Contact material	Not concerned
Contact plating material	Not concerned

Mechanical performances		
Description	Data	Units
Insert retention in housing (minimum)	5	daN
Contact retention in insert (minimum)	4	daN
Mechanical endurance	Not concerned	Cycles
Vibrations (type)	Random	Not applicable
Vibrations (maximum frequency)	2000	Hz
Vibrations (amplitude)	1,48	g
Vibrations (duration)	3	hours
Shocks (type)	Demi sinusoid	Not applicable
Shocks (amplitude)	100	g
Shocks (duration)	6	ms
Resonant frequency minimum	Not concerned	Hz
Static loads (minimum)	Not concerned	daN

Climatic performances		
Description	Data	Units
Maximum temperature of use	+125	°C
Minimum temperature of use	-55	°C
Salt mist resistance	Not concerned	hours
Resistance to fluids	Fuel / Mineral and synthetic hydraulic fluid / Mineral and synthetic oils / Cleaning products / De icing fluid /	Not applicable
Interfacial sealing	Not concerned	mb
Air leakage	Not concerned	cm ³ /hour
Immersion at low air pressure	Not concerned	mb
IP indice	Not concerned	Not applicable

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Electrical performances		
Description	Data	Units
Insulation resistance	5000	MΩ
Voltage proof test	1500	V
Maximum intensity	5	A
Contact resistance	Not concerned	mΩ
Shell electrical continuity	Not concerned	mΩ

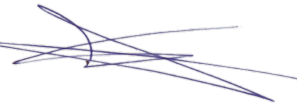
Optical performances		
Description	Data	Units
Insertion loss	Not concerned	dB
Return loss	Not concerned	dB

Fire behaviour	
In compliance with standard	ABD 0031 / EN 2591-317

I hereby declare on behalf of the supplier that the information contained in this declaration of design and performance (DDP) is correct.

Date: February, 11th, 2021

Sign:



Company: Amphenol Air LB

Position held: Engineering Director

Name: Jerome CHEVALIER

Date: February, 11th, 2021

Sign:



Company: Amphenol Air LB

Position held: Quality Director

Name: Vincent BEYRIES