



## EU Declaration of Conformity

EU Konformitätserklärung  
Déclaration UE de conformité  
Dichiarazione di conformità UE

**This declaration of conformity is issued under the sole responsibility of the manufacturer**

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller /

La présente déclaration de conformité est établie sous la seule responsabilité du fabricant /

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante

**ABB**

**8 Boulevard Millénium, B-7110 La Louvière (Belgium)**

### Object of declaration

Gegenstand der Erklärung/Objet de la déclaration/Oggetto della dichiarazione

#### **Fitting for liquid-tight flexible metal conduits**

Verschraubung für flexible und flüssigkeitsdichte Schutzschläuche

Raccord pour gaines flexibles étanches

Raccordi per guaine flessibili

**Type/Typ/Type/Tipo: Series 5200/5300-PT See Annex 1**

Serie 5200/5300-PT - Siehe Annex 1

Série 5200/5300-PT - Voir annexe 1

Serie 5200/5300-PT - Vedi annesso 1

### **The object of the declaration described above is in conformity with the relevant Community harmonisation legislation**

Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen / Harmonisierungsrechtsvorschriften der Gemeinschaft /

L'objet de la déclaration décrite ci-dessus est conforme à la législation communautaire d'harmonisation applicable /

L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa comunitaria di armonizzazione

#### **2014/35/EU Low Voltage Directive (LVD)**

Niederspannungsrichtlinie/Directive basse tension/Direttiva Bassa Tensione

#### **2011/65/EU Restriction of Hazardous Substances (RoHS)**

RoHS Richtlinie/Directive RoHS/Direttiva RoHS

### **and are in conformity with the following harmonized standards or other normative documents**

nachgewiesen durch die Einhaltung der nachstehend aufgeführten Normen oder anderen normativen Dokumenten /

et justifié par le respect des Normes mentionnées ci-dessous ou autres documents normatifs /

e sono stati applicati le norme o altri documenti normativi indicati di seguito

**EN 61386-1:2008 and EN 61386-23:2004 +A10:2011**

### **Notified Body and number of the EC-type-examination certificate Self-Declaration**

Benannte Stelle und Nummer der EG-Baumusterprüfbescheinigung/Organisme agréée et numero du certificate de test CE/Organismo notificato e il numero del CE attestato di certificazione

### **Year of CE Marking 2017**

Jahr der CE-Kennzeichnung/Année d'apposition du marquage CE/Anno in cui è stata affissa la marcatura

### **Signed for and on behalf of**

Unterzeichnet für und im Namen von/Signé par et au nom de/Firmato in vece e per conto di

**ABB**

Memphis, Tennessee, USA on 13 February 2018

**Michael Pratt**  
GPG R&D Director

**Andrea Castella**  
Hub BU Manager



EPIP Europe

## ANNEX 1

### Fittings for Liquid-tight Flexible Metallic Conduits

Verschraubung für flexible und flüssigkeitsdichte Schutzschläuche

Raccord pour gaines flexibles étanches

Raccordi per guaine flessibili

### Refer to below tables for catalog number and performance classification

Siehe nachstehende Tabelle für Artikelnummern und Leistungseinstufung

Voir tableaux ci-dessous pour les numeros d'articles et classé selon leur performance

Riferirsi alle tabelle sotto per i numeri di catalogo e le classificazioni delle prestazioni

**Table 1 – Liquid-tight Flexible Metallic Conduit Systems**

The flexible conduit system consists of the appropriate size liquid tight fitting, seal gasket and flexible metallic conduit.

Fittings			Description			Seal Gaskets	LT FMC Types		
Insulated & Non-Insulated			Trade Size						
Straight	45°	90°	UL	CSA	BS EN	Material & Thread Type			
5231-PT 5331-PT	5341-PT 5241-PT	5351-PT 5251-PT	3/8"	12mm	16mm			Steel (straight) or Malleable Iron (45° & 90°), NPT Threads	5262
5232-PT 5332-PT	5342-PT 5242-PT	5352-PT 5252-PT	1/2"	16mm	20mm				5262
5233-PT 5333-PT	5343-PT 5243-PT	5353-PT 5253-PT	3/4"	21mm	25mm				5263
5234-PT 5334-PT	5344-PT 5244-PT	5354-PT 5254-PT	1"	27mm	32mm				5264

**Table 2 - Conduit Dimensions**

Trade Size			Inside Diameter (Min/Max)		Outside Diameter (Min/Max)	
UL	CSA	BS EN	mm	inches	mm	inches
3/8"	12mm	16mm	12.3/12.8	0.484/0.504	17.5/18.0	0.690/0.710
1/2"	16mm	20mm	15.8/16.3	0.662/0.642	20.9/21.3	0.820/0.840
3/4"	21mm	25mm	20.8/21.3	0.820/0.840	26.2/26.7	1.030/1.050
1"	27mm	32mm	26.4/27.1	1.041/1.066	32.8/33.4	1.290/1.315
1-1/4"	35mm	40mm	35.1/35.8	1.380/1.410	41.4/42.2	1.630/1.660
1-1/2"	41mm	50mm	40.0/40.6	1.575/1.600	47.4/48.3	1.865/1.900
2"	53mm	63mm	51.3/51.9	2.020/2.045	59.4/60.3	2.340/2.375
2-1/2"	63mm	70mm	63.0/63.6	2.480/2.506	72.1/73.0	2.840/2.875
3"	78mm	80mm	78.0/78.7	3.070/3.100	87.9/88.8	3.460/3.500
4"	103mm	100mm	101.6/102.6	4.000/4.040	113.3/114.3	4.460/4.500



**Table 3 - Conduit Fittings Classification Coding (EN 61386-23:2004/2002)**

Covers 5200 & 5300, Insulated & Non Insulated, Steel & Malleable Iron	Compression Resistance <sup>1</sup>	Impact Resistance	Lower Temperature (°C)	Upper Temperature (°C)	Bending Resistance <sup>1</sup>	Electrical Characteristics <sup>2</sup>	IP - Solids	IP - Liquids	Corrosion Resistance	Tensile Strength	Flame Propagation <sup>3</sup>	Suspended Load Capacity <sup>1</sup>
Catalog Numbers												
5231-PT, 5241-PT, 5251-PT	N/A	3 (med)	4 (-25)	3 (105)	N/A	1	6	7	2	3 (med)	1	N/A
5232-PT, 5242-PT, 5252-PT												
5233-PT, 5243-PT, 5253-PT												
5234-PT, 5244-PT, 5254-PT												
5331-PT, 5341-PT, 5351-PT												
5332-PT, 5342-PT, 5352-PT												
5333-PT, 5343-PT, 5353-PT												
5334-PT, 5344-PT, 5354-PT												

<sup>1</sup> A function of the conduit classification, not applicable to conduit fittings

<sup>2</sup> Electrical Characteristics, Classification 1: With electrical continuity characteristics

<sup>3</sup> Flame Propagation, Classification 1, non-flame propagating