



**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 See Annex 1**

Serie 5200/5300 - Siehe Annex 1

Série 5200/5300 - Voir annexe 1

Serie 5200/5300 - 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/Directiva 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 fitting, seal gasket and flexible metallic conduit. External grounding fittings designated with GR suffix, (ie.: 5332GR).

Fittings			Description			Seal Gaskets	LT FMC Types
Insulated & Non-Insulated			Trade Size				
Straight	45°	90°	UL	CSA	BSEN	Material & Thread Type	
5331, 5231	5341, 5241	5351, 5251	3/8"	12mm	16mm	Steel (straight) or Malleable Iron (45° & 90°), NPT Threads	5262
5332, 5232	5342, 5242	5352, 5252	1/2"	16mm	20mm		5262
5333, 5233	5343, 5243	5353, 5253	3/4"	21mm	25mm		5263
5334-TB, 5234	5344, 5244	5354, 5254	1"	27mm	32mm		5264
5335, 5235	5345, 5245	5355, 5255	1-1/4"	35mm	40mm		5265
5336, 5236	5346, 5246	5356, 5256	1-1/2"	41mm	50mm	Malleable Iron (straight, 45° & 90°), NPT Threads	5266
5337, 5237	5347, 5247	5357, 5257	2"	53mm	63mm		5267
5338, 5238	5348, 5248	5358, 5258	2-1/2"	63mm	70mm		5268
5339, 5239	5349, 5249	5359, 5259	3"	78mm	80mm		5269
5340, 5240	5350, 5250	5360, 5260	4"	103mm	100mm		5270
9360	9340	9350	3/8"	12mm	16mm	Steel (straight) or Malleable Iron (45° & 90°), ISO Metric Threads	*
9362	9342	9352-TB	1/2"	16mm	20mm		*
9363	9343-TB	9353-TB	3/4"	21mm	25mm		*
9364	9344	9354-TB	1"	27mm	32mm		*
9365	9345	9355	1-1/4"	35mm	40mm		*
9366	9346	9356	1-1/2"	41mm	50mm	Malleable Iron (straight, 45° & 90°), ISO Metric Threads	*
9367	9347	9357	2"	53mm	63mm		*

\* Ingress protection rating achieved with supplied O-ring.



**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, Grounding Fittings (Suffix GR), -TB Variants	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, 5241, 5251, 5331, 5341, 5351	N/A	3 (med)	4 (-25)	3 (105)	N/A	1	6	7	2	3 (med)	1	N/A
5232, 5242, 5252, 5332, 5342, 5352												
5233, 5243, 5253, 5333, 5343, 5353												
5234, 5244, 5254, 5334, 5344, 5354												
5235, 5245, 5255, 5335, 5345, 5355												
5236, 5246, 5256, 5336, 5346, 5356												
5237, 5247, 5257, 5337, 5347, 5357												
5238, 5248, 5258, 5338, 5348, 5358												
5239, 5249, 5259, 5339, 5349, 5359												
5240, 5250, 5260, 5340, 5350, 5360												
9360, 9340, 9350												
9361, 9341, 9351												
9362, 9342, 9352												
9363, 9343, 9353												
9364, 9344, 9354												
9365, 9345, 9355												
9366, 9346, 9356												
9367, 9347, 9357												

<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