



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
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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 ¹	Impact Resistance	Lower Temperature (°C)	Upper Temperature (°C)	Bending Resistance ¹	Electrical Characteristics ²	IP - Solids	IP - Liquids	Corrosion Resistance	Tensile Strength	Flame Propagation ³	Suspended Load Capacity ¹
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												

¹ A function of the conduit classification, not applicable to conduit fittings

² Electrical Characteristics, Classification 1: With electrical continuity characteristics

³ Flame Propagation, Classification 1, non-flame propagating