



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 5300-NB, 9300-NB See Annex 1

Serie 5300-NB, 9300-NB - Siehe Annex 1

Série 5300-NB, 9300-NB - Voir annexe 1

Serie 5300-NB, 9300-NB - 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
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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 fitting, seal gasket and flexible metallic conduit.

| Fittings | | | Description | | | Seal Gaskets | LT FMC Types | |
|-----------|---------|---------|-------------|------|-------|--|--------------|---|
| Insulated | | | Trade Size | | | | | |
| Straight | 45° | 90° | UL | CSA | BS EN | Material & Thread Type | | |
| 5331-NB | 5341-NB | 5351-NB | 3/8" | 12mm | 16mm | Nickel Plated Brass, Straight, 45° & 90°, NPT Threads | 5261 | LT4GE LT6GE LT6FE LTGU LTGE LTGC LTOE LTTU LTTE LTBU LTEU LTME LTCE LTZE LTZU LTFU LTFE |
| 5332-NB | 5342-NB | 5352-NB | 1/2" | 16mm | 20mm | | 5262 | |
| 5333-NB | 5343-NB | 5353-NB | 3/4" | 21mm | 25mm | | 5263 | |
| 5334-NB | 5344-NB | 5354-NB | 1" | 27mm | 32mm | | 5264 | |
| 5335-NB | 5345-NB | 5355-NB | 1-1/4" | 35mm | 40mm | | 5265 | |
| 5336-NB | 5346-NB | 5356-NB | 1-1/2" | 41mm | 50mm | | 5266 | |
| 5337-NB | 5347-NB | 5357-NB | 2" | 53mm | 63mm | | 5267 | |
| 9330-NB | 9340-NB | 9350-NB | 3/8" | 12mm | 16mm | Nickel Plated Brass, Straight, 45° & 90°, ISO Metric Threads | * | |
| 9332-NB | 9342-NB | 9352-NB | 1/2" | 16mm | 20mm | | * | |
| 9333-NB | 9343-NB | 9353-NB | 3/4" | 21mm | 25mm | | * | |
| 9334-NB | 9344-NB | 9354-NB | 1" | 27mm | 32mm | | * | |
| 9335-NB | 9345-NB | 9355-NB | 1-1/4" | 35mm | 40mm | | * | |
| 9336-NB | 9346-NB | 9356-NB | 1-1/2" | 41mm | 50mm | | * | |
| 9337-NB | 9347-NB | 9357-NB | 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 5300-NB, Insulated Only, Nickel Plated Brass, NPT & Metric Threads | 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 | | | | | | | | | | | | |
| 5331-NB, 5341-NB, 5351-NB | N/A | 3 (med) | 4 (-25) | 3 (105) | N/A | 1 | 6 | 7 | 4 | 3 (med) | 1 | N/A |
| 5332-NB, 5342-NB, 5352-NB | | | | | | | | | | | | |
| 5333-NB, 5343-NB, 5353-NB | | | | | | | | | | | | |
| 5334-NB, 5344-NB, 5354-NB | | | | | | | | | | | | |
| 5335-NB, 5345-NB, 5355-NB | | | | | | | | | | | | |
| 5336-NB, 5346-NB, 5356-NB | | | | | | | | | | | | |
| 5337-NB, 5347-NB, 5357-NB | | | | | | | | | | | | |
| 9330-NB, 9340-NB, 9350-NB | | | | | | | | | | | | |
| 9331-NB, 9341-NB, 9351-NB | | | | | | | | | | | | |
| 9332-NB, 9342-NB, 9352-NB | | | | | | | | | | | | |
| 9333-NB, 9343-NB, 9353-NB | | | | | | | | | | | | |
| 9334-NB, 9344-NB, 9354-NB | | | | | | | | | | | | |
| 9335-NB, 9345-NB, 9355-NB | | | | | | | | | | | | |
| 9336-NB, 9346-NB, 9356-NB | | | | | | | | | | | | |
| 9337-NB, 9347-NB, 9357-NB | | | | | | | | | | | | |

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