



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

Liquid-tight Flexible Metallic Conduit

Flüssigkeitsdichter und flexible Metallschutzschlauch

Gaine métallique et flexible étanche

Guaina metallica flessibile a tenuta stagna

Type/Typ/Type/Tipo: LTOE Series - See Annex 1

Serie LTOE - Siehe Annex 1

Série LTOE - Voir annexe 1

Serie LTOE - 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

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

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

Year of CE Marking 2016

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 **5 August 2016**

Michael Pratt
GPG R&D Director

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ANNEX 1

Liquid-tight Flexible Metallic Conduit - LTOE Series

For all catalog numbers:

- Hot-dipped galvanized steel core
- Resistant to Corrosion
- PVC flexible jacket
- Flame Retardant
- UV Protection

The flexible conduit system consists of the appropriate size fitting, sealing ring and flexible metallic conduit. Please refer to the below tables for conduits' catalog numbers, dimensions, and classification coding per EN 61386-1:2008.

Table 1 - Liquid-tight Flexible Metallic Conduits

Catalog numbers	Description		Internal Diameter		External Diameter	
	Trade Size		mm		mm	
	mm	inches	Min.	Max.	Min.	Max.
LTOES01X-#	16	3/8	12.3	12.8	17.5	18.0
LTOES02X-#	20	1/2	15.8	16.3	20.8	21.3
LTOES03X-#	25	3/4	20.8	21.3	26.2	26.7
LTOES04X-#	32	1	26.4	27.1	32.8	33.4
LTOES05X-#	40	1-1/4	35.1	35.8	41.4	42.2
LTOES06X-#	50	1-1/2	40.0	40.6	47.4	48.3
LTOES07X-#	63	2	51.3	51.9	59.4	60.3
LTOES08X-#	70	2-1/2	63.0	63.6	72.1	73.0
LTOES09X-#	80	3	78.0	78.7	87.9	88.8
LTOES11X-#	100	4	101.6	102.6	113.3	114.3
LTTES12X-#	125	5	126.4	127.9	139.8	141.4
LTTES13X-#	150	6	154.3	166.8	166.8	168.3

X: Color

Code	B	C	E	G	L	N	P	R	W	Y
Color	Black	Clear	Orange	Gray	Blue	Green	Purple	Red	White	Yellow

#: Package length in meters (m)

Code	A	B	C	D	E	F	G	H
Length	8	15	30	45	60	75	80	90
Pack	Carton		Carton/RI	Reel				

Code	J	K	L	M	N	P	Q	S
Length	120	150	300	10	25	50	100	1
Pack	Reel			Carton		Reel		Carton



Table 2 - Conduit Classification Coding per EN 61386-1:2008 – Annex A

Catalog numbers	Conduit classification coding format for declared properties		
LTOES01X-#	Compression Resistance	4	Heavy compression strength
LTOES02X-#	Impact Resistance	4	Heavy impact strength
LTOES03X-#	Lower Temperature (°C)	4	-25
LTOES04X-#	Upper Temperature (°C)	2	90
LTOES05X-#	Bending Resistance	4	Flexible
LTOES06X-#	Electrical Characteristics	N/A	--
LTOES07X-#	IP Solids	6	Dust-tight
LTOES08X-#	IP Water	5	Protected against water jets
LTOES09X-#	Corrosion Resistance	N/A	--
LTOES11X-#	Tensile Strength	3	Medium tensile strength
LTOES12X-#	Flame Propagation	1	Non-flame propagating
LTOES13X-#	Suspended Load Capacity	4	Heavy suspended load capacity