

## M8 male 0° A-cod. with cable

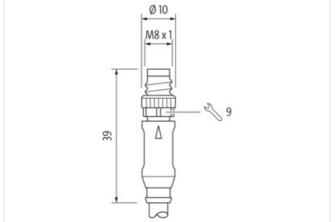
PVC 4x0.25 bk UL/CSA 15m

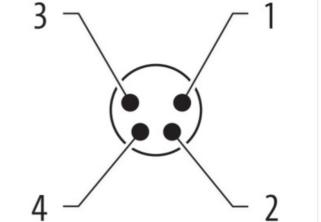
Art.No.: 7000-08011-6111500 Weight: 0.488 Country of origin: US Model designation: MSHL0-T611\_15.0

## Link to Product

Illustration

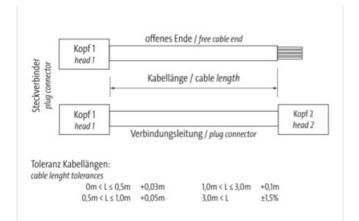


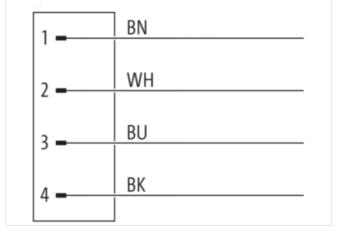




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-05







Product may differ from Image



Family construction form	M8
No. of poles	4
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M8 x 1
Tightening torque	0.4 Nm
Width across flats	SW9
Cable outlet	straight
suitable for corrugated tube (internal $\emptyset$ )	6.5 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	free cable end
Stripping length (jacket)	20 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-08011-6111500
GTIN	4048879288200
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060311
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311

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EQLASS 13.0     2700011       EQLASS 14.0     2700011       EQLASS 14.0     2700011       ETM 4.0     EC001685       ETM 2.0     FX       Devicing proteine on protection digree     FX       Device protection   Electrical     Marcal condition Electrical       Addition EC0060.1     1       Marcal condition formedin     FX       Marcal condition formedin     FX       Electrical     FX	ECLASS-12.0	27060311
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ETN 4.0     EC001855       ETN 4.0     EC001855       ETN 4.0     EC011855       EAN     404877288200       Electrical cal supply     Constant of Constant	ECLASS-14.0	27060311
ETNA 6.0     ECON1855       ETNA 7.0     ECON1855       ETNA 8.0     ECON1855       EAN     40487/258200       Electrical and I Supply     Control (1997)       Corrent operating voltage AC max.     50 V       Operating voltage AC max.     50 V       Corrent operating per contact max.     4 A       Diagnostice     Image: Contact max.       Statu infocation LED     no       Installation (Contexton     Image: Contact max.       Additional contact max.     4 A       Device protection [Electrical     M8 x 1       Additional contact molecule     Source max.       Additional contact molecule     5 N       Rated Surge voltage     5 N       Rated Surge voltage     5 N       Material conce (Incomposition in sectod, serveed)     Polation in contact conter       Material conce (Incomposition in sectod, serveed, Shaking protection     Exercision in sectod, serveed, Shaking protection       Contaring thing an cable paterial concenter by sources by bonding in setted, serveed, Shaking protection     Exercision in sectod, sorge by protection       Contaring thing an cable quality     Incomposin in sectod, sorge by protection     Exercom	ETIM-5.0	
ETM 8.0     ECON1855       EAN     4048775288200       Electrical al Supply     Control operating voltage AC max.     50 V       Operating voltage AC max.     60 V     Control toperating por contact max.       Diagnostics     80 V     Control toperating por contact max.       Diagnostics     No     No       Status indication LED     no     Intelliation Contection       Mounting set     MS 1     Developmentation       Developmentation     Same max and an and an and an and an and an and and	ETIM-6.0	EC001855
EAN     4048879288200       Electrical data   Suppiy     50 V       Operating vortage DC max.     60 V       Current operating per contact max.     4 A       Diagnostics     50 V       Status indication LED     no       Installation   Connection     50 V       Device protection   Electrical     50 V       Additional consition protocolon degree     inserbed, screwed       Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (EC 60664-1)     1       Meterial screw connection     Brass       Coating of fitting     nickle plated       Material screw connection     Brass       Coating of fitting     nickle plated       Deparating material     Zinc die casting       Coating of fitting     nickle plated       Material screw connection     Brass	ETIM-7.0	EC001855
Electrical data   Supply       Operating voltage AC max.     50 V       Cperating per contact max.     40 V       Carrent operaling per contact max.     40 V       Diagnating per contact max.     40 V       Mounting set     M6 x 1       Device protection   Electrical     Additional contaction protection degree       Additional contaction protection degree     3       Rated surge voltage 0 for 500 V   1     1       Dechanical data   Material data     Material data (SC 6060 + 1)       Material contact carrier     TPU       Material contact carrier     Material contact carrier       Material contact carrier     TPU       Material contact carrier     TPU       Material contact carrier     TPU       Material contac	ETIM-8.0	EC001855
Electrical data   Supply     Operating voltage AC max.     50 V       Operating voltage CC max.     60 V       Current operating per contact max.     4 A       Dispective     Status indication LED     no       Exatual indication LED     no     No       Additional constitue     Max 1     No       Device protection   Electrical     Additional constitue     No       Additional constitue     3     Rated active voltage     1.5 kV       Material document (Constitue)     Inserted. Streward     Polization Lectrical       Material document (Constitue)     1     No     No       Material constitue     Streward     No     No       Material constitue     Streward     No     No       Material constitue     Streward     Streward     No       Material constitue     Streward     Streward     Streward	EAN	4048879288200
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Current operating per contact max.     4 A       Diagnostics     Status indication LED       Status indication LED     no       Installation J Connection     Max 1       Device protection I Electrical     Additional condition protection degree     inserted, screwed       Additional condition protection degree     inserted, screwed     Polution Degree     3       Rated surge voltage     1.5 kV     Material group (IEC 0064-1)     I       Machinal contact carrier     TPU     Material screw connection     Brass       Coating of fitting     nickel plated     Coating of fitting     Coating of fitting       Coating of fitting     nickel plated     Coating of fitting     Coating of fitting       Material screw connection     Brass     Coating of fitting     Coating of fitting       Material Coating of fitting     nickel plated     Coating of fitting     Coating of fitting       Mounting method     inserted, screwed, Shaking protection     Environmental characteristics [ Climatic       Deparating temperature min.     -25 °C     Cooperating temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Mountin		
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Status indication LED     no       Installation (Connection     Max 1       Device protection [Electrical     Additional condition protection degree     inserted, screwed       Pollution Dagree     3     Rated surge voltage     1.5 kV       Material group (Electrical)     1     Internet (Electrical)     Internet (Electrical)       Material group (Electrical)     1     Internet (Electrical)     Internet (Electrical)       Material contex carrier     TPU     Internet (Electrical)     Internet (Electrical)       Material contex carrier     TPU     Internet (Electrical)     Internet (Electrical)       Coating lociting internet     Zinc die casting     Coating lociting (Electrical)     Internet (Electrical)       Coating lociting material     Zinc die casting     Coating lociting (Electrical)     Internet (Electrical)       Mouting method     inserted, screwed, Shaking protection     Environmetral characteristics [ Climatic     Electrical)       Portaling temperature min.     26 ° °     Coating locitic temperature max.     85 ° °       Operating temperature max.     85 ° °     Coating locitic temperature max.     85 ° °       Note on bonding radius     Attention: C		
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Mounting set     M8 x 1       Device protection [Electrical     inserted, screwed       Addisonal condition protection degree     inserted, screwed       Patlution Degree     3       Rated surge voltage     1.5 kV       Material group (EC 60664-1)     1       Idechanical data   Material data     TPU       Material contact carrier     TRo. die-casting       Coating focking     Nickeled       Mounting method     inserted, screwed, Shaking protection       Enviconmental characteristics   Climatic     Coating focking       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on bending radus     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending and in them fastilation notes.       Eoromenty     Protect th		
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1.5 k/V       Material group (IEC 60664-1)     1       Impose Voltage     1.5 k/V       Material group (IEC 60664-1)     1       Impose Voltage     1.5 k/V       Material screw voltage     1.5 k/V       Material screw connection     Brass       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Mechanical dia [ Mounting dia     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operatin install		M9 x 1
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Pollution Degree   3     Rated surge voltage   1.5 kV     Material group (IEC 60664-1)   1     Material group (IEC 60664-1)   1     Material contact carrier   TPU     Material screw connection   Brass     Coating of fitting   nickel plated     Locking matrial   Zinc die-casing     Coating locking   Nickeled     Mechanical data [Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics [Climatic   Operating temperature max.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on banding radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Conformity   Cable type   1     Product standard   DIN EN 61076-2-104 (MB)     Installation I Cab		
Rated surge voltage   1.5 kV     Material group (EC 6064-1)   I     Mechanical data   Metrial data   TPU     Material contact carrier   TPU     Material scontact carrier   Teuchastical carrier     Coating locking   Nickeled     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coating temperature min.     -25 °C   Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Additional condition temperature max.   85 °C     Additional condition temperature may   46pending on cable quality     Important Installation notes   Attention: Cbserve the permissible bending radii when laying cables, as the IP prot		· · · · · · · · · · · · · · · · · · ·
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Mechanical data   Meterial data       Material contact carrier     TPU       Material screw connection     Brass       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coating locking       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contornity     Installation   Cable       Cable identification     611       Cable identification     611 <		1.5 kV
Material contact carrier     TPU       Material screw connection     Brass       Coating joditing     nickel plated       Locking material     Zinc die-casting       Coating jodking     Nickeled       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable identification     611       Cable weigth     34.76 g/m       Wires arrangement	Material group (IEC 60664-1)	1
Material screw connection     Brass       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating looking     Nickeled       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Moter the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contormity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable identification     611       Cable Type     1       Admount stranding     1       Vire arrangement     brown, black, blue, white       Cable weigth     34.76 g/m       Material wire insulation     PVC       Amount stranding     1.25 mm       Outer diameter tolerance core insulation     1.25 mm	Mechanical data   Material data	
Coating of fitting   nickel plated     Looking material   Zinc die-casting     Coating looking   Nickeled     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Conformity   Installation   Cable     Product standard   DIN EN 61076-2-104 (M8)     Installation   Cable   1     Cable identification   611     Cable identification   611     Cable identification   611     Cable weigth   34.76 g/m     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1.25 mm	Material contact carrier	TPU
Locking material     Zinc die-casting       Coating locking     Nickeled       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Important installation notes       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Environmental characteristics     Environmental formation of 11       Cable identification     611     Cable identification       Cable identification     611     Stranding       Vire arrangement     brown, black, blue, white     Stranding       Quier diameter insulation     PVC     Manount wires       Amount wires     4     Couter diameter insulation     1.25 mm       Outer diameter insulation     1.25 mm     Stranding     Stranding		Brass
Coating locking     Nickeled       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic		nickel plated
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Product standard       Installation   Cable     Cable infifcation       Cable infifcation     611       Cable Type     1       Amount stranding     1       Stranding     Wires       Wire arrangement     brown, black, blue, white       Cable weigth     34,76 g/m       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm		Zinc die-casting
Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Conformity   Installation   Cable     Product standard   DIN EN 61076-2-104 (M8)     Installation   Cable   Cable infifcation     Cable infifcation   611     Cable Type   1     Amount stranding   1     Stranding   Wires     Wire arrangement   brown, black, blue, white     Cable weigth   34,76 g/m     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1.25 mm     Outer diameter insulation	Coating locking	Nickeled
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Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Conformity   Product standard     DIN EN 61076-2-104 (M8)   Installation   Cable     Cable identification   611     Cable identification   611     Cable Type   1     Amount stranding   1     Stranding   Wires     Wire arrangement   brown, black, blue, white     Cable weigth   34.76 g/m     Material wire insulation   PVC     Amount wires   4     Outer diameter insulation   1.25 mm     Outer diameter tolerance core insulation   ± 0.05 mm	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Conformity   Product standard   DIN EN 61076-2-104 (M8)     Installation   Cable   Cable identification   611     Cable identification   611   Cable     Wire arrangement   brown, black, blue, white   Cable weigth   34.76 g/m     Material wire insulation   PVC   Amount wires   4     Outer diameter insulation   1.25 mm   Could on the stranding   1.25 mm	Operating temperature min.	-25 °C
Important installation notes       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Product standard     DIN EN 61076-2-104 (M8)       Installation   Cable     Cable identification     611       Cable identification     611     Cable Type       Amount stranding     1     Stranding       Wire arrangement     brown, black, blue, white     Cable weigth       Cable weigth     34.76 g/m     Material wire insulation     PVC       Amount wires     4     Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     1.25 mm     0.05 mm     1.05 mm	Operating temperature max.	85 °C
Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Installation   Cable       Cable identification     611       Cable IType     1       Amount stranding     1       Stranding     Wires       Wire arrangement     Drown, black, blue, white       Cable weigth     34.76 g/m       Material wire insulation     PVC       Amount wires     4       Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     1.25 mm	Additional condition temperature range	depending on cable quality
Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Conformity   Product standard   DIN EN 61076-2-104 (M8)     Installation   Cable   Cable identification   611     Cable Identification   611   Standing     Stranding   1   Stranding   Stranding     Wire arrangement   brown, black, blue, white   Stranding   34.76 g/m     Material wire insulation   PVC   Amount wires   4   Outer diameter insulation   1.25 mm     Outer diameter tolerance core insulation   1.25 mm   Stranding   ±0.05 mm   Stranding	Important installation notes	
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ConformityProduct standardDIN EN 61076-2-104 (M8)Installation   CableCable identification611Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blue, whiteCable weigth34.76 g/mMaterial wire insulationPVCAmount wires4Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mm	Note on bending radius	
ConformityProduct standardDIN EN 61076-2-104 (M8)Installation   CableCable identification611Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blue, whiteCable weigth34.76 g/mMaterial wire insulationPVCAmount wires4Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mm	Note on strain relief	
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Outer diameter insulation 1.25 mm   Outer diameter tolerance core insulation ± 0.05 mm	Material wire insulation	
Outer diameter tolerance core insulation ± 0.05 mm		
Shore hardness wire insulation 45		
	Shore hardness wire insulation	45

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Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
Amount strands (wire)	14
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	4.8 mm
Tolerance outer diameter (sheath)	±5%
Material jacket	PVC
Shore hardness jacket	85
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	good machinability
Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3.6 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter

Bending radius (dynamic)

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