

## Cable gland

### Series 8161/7, 8161/8



- > Explosion protection type "Increased safety"
- > Degree of protection IP68
- > Ex e and Ex i versions
- > Integrated blind plug (accessory) for closing unused cable glands
- > Cable diameter ranges from 1 to 48 mm



02895E00



The Series 8161 cable gland is used in enclosures with the "Increased safety" type of protection. For use with intrinsically safe circuits, a version with blue cap nut is available.

Zone	ATEX / IECEx					
	0	1	2	20	21	22
For use in		x	x		x	x

WebCode 8161B

## Cable gland

### Series 8161/7, 8161/8

Selection Table

Version	Thread size	Cable dia. range [mm]	Width across flats [mm]	Across corners [mm]	Delivery lot <sup>*)</sup> pieces	Order number	Weight kg
8161/7 Ex e standard (black) -40 to +75 °C	M12 x 1.5	3 to 6	A/F16	18	50	<b>8161/7-M12-0603</b>	0.007
	M16 x 1.5	5 to 9	A/F20	22	50	<b>8161/7-M16-0905</b>	0.009
	M20 x 1.5	7 to 13	A/F24	27	50	<b>8161/7-M20-1307</b>	0.013
	M25 x 1.5	10 to 17	A/F29	32	50	<b>8161/7-M25-1710</b>	0.019
	M32 x 1.5	13 to 21	A/F36	40	25	<b>8161/7-M32-2113</b>	0.032
	M40 x 1.5	17 to 28	A/F46	51	10	<b>8161/7-M40-2817</b>	0.068
	M50 x 1.5	23 to 35	A/F55	61	4	<b>8161/7-M50-3523</b>	0.107
	M63 x 1.5	34 to 48	A/F68	75	1	<b>8161/7-M63-4834</b>	0.155
8161/8 Ex i standard (black with blue cap nut) -40 to +75 °C	M12 x 1.5	3 to 6	A/F16	18	50	<b>8161/8-M12-0603</b>	0.007
	M16 x 1.5	5 to 9	A/F20	22	50	<b>8161/8-M16-0905</b>	0.009
	M20 x 1.5	7 to 13	A/F24	27	50	<b>8161/8-M20-1307</b>	0.013
	M25 x 1.5	10 to 17	A/F29	32	50	<b>8161/8-M25-1710</b>	0.019
	M32 x 1.5	13 to 21	A/F36	40	25	<b>8161/8-M32-2113</b>	0.032
	M40 x 1.5	17 to 28	A/F46	51	10	<b>8161/8-M40-2817</b>	0.068
	M50 x 1.5	23 to 35	A/F55	61	4	<b>8161/8-M50-3523</b>	0.107
	M63 x 1.5	34 to 48	A/F68	75	1	<b>8161/8-M63-4834</b>	0.155
8161/7 Ex e with reduction sealing insert (black) -40 to +75 °C	M12 x 1.5	1 to 6	A/F16	18	50	<b>8161/7-M12-0601</b>	0.007
	M16 x 1.5	2 to 9	A/F20	22	50	<b>8161/7-M16-0902</b>	0.009
	M20 x 1.5	4 to 13	A/F24	27	50	<b>8161/7-M20-1304</b>	0.013
	M25 x 1.5	7 to 17	A/F29	32	50	<b>8161/7-M25-1707</b>	0.019
	M32 x 1.5	9 to 21	A/F36	40	25	<b>8161/7-M32-2109</b>	0.032
	M40 x 1.5	12 to 28	A/F46	51	10	<b>8161/7-M40-2812</b>	0.068
	M50 x 1.5	16 to 35	A/F55	61	4	<b>8161/7-M50-3516</b>	0.107
	M63 x 1.5	28 to 48	A/F68	75	1	<b>8161/7-M63-4828</b>	0.155
8161/8 Ex i with reduction sealing insert (black with blue cap nut) -40 to +75 °C	M12 x 1.5	1 to 6	A/F16	18	50	<b>8161/8-M12-0601</b>	0.007
	M16 x 1.5	2 to 9	A/F20	22	50	<b>8161/8-M16-0902</b>	0.009
	M20 x 1.5	4 to 13	A/F24	27	50	<b>8161/8-M20-1304</b>	0.013
	M25 x 1.5	7 to 17	A/F29	32	50	<b>8161/8-M25-1707</b>	0.019
	M32 x 1.5	9 to 21	A/F36	40	25	<b>8161/8-M32-2109</b>	0.032
	M40 x 1.5	12 to 28	A/F46	51	10	<b>8161/8-M40-2812</b>	0.068
	M50 x 1.5	16 to 35	A/F55	61	4	<b>8161/8-M50-3516</b>	0.107
	M63 x 1.5	28 to 48	A/F68	75	1	<b>8161/8-M63-4828</b>	0.155
8161/7 Ex e with reduction sealing insert and long thread (black) -40 to +75 °C	M12 x 1.5	1 to 6	A/F16	18	50	<b>8161/7-M12-0601-L</b>	0.007
	M16 x 1.5	2 to 9	A/F20	22	50	<b>8161/7-M16-0902-L</b>	0.009
	M20 x 1.5	4 to 13	A/F24	27	50	<b>8161/7-M20-1304-L</b>	0.013
	M25 x 1.5	7 to 17	A/F29	32	50	<b>8161/7-M25-1707-L</b>	0.019
	M32 x 1.5	9 to 21	A/F36	40	25	<b>8161/7-M32-2109-L</b>	0.032
	M40 x 1.5	12 to 28	A/F46	51	10	<b>8161/7-M40-2812-L</b>	0.068
	M50 x 1.5	16 to 35	A/F55	61	4	<b>8161/7-M50-3516-L</b>	0.107
	M63 x 1.5	28 to 48	A/F68	75	1	<b>8161/7-M63-4828-L</b>	0.155

<sup>\*)</sup> Purchase order quantity in [pieces], the delivery quantity is automatically rounded to the delivery lot.

# Cable gland

## Series 8161/7, 8161/8



Selection Table

Version	Thread size	Cable dia. range [mm]	Width across flats [mm]	Across corners [mm]	Delivery lot <sup>*)</sup>	Order number	Weight
					pieces		
8161/8 Ex i with reduction sealing insert and long thread (black with blue cap nut) -40 to +75 °C	M12 x 1.5	1 to 6	A/F16	18	50	<b>8161/8-M12-0601-L</b>	0.007
	M16 x 1.5	2 to 9	A/F20	22	50	<b>8161/8-M16-0902-L</b>	0.009
	M20 x 1.5	4 to 13	A/F24	27	50	<b>8161/8-M20-1304-L</b>	0.013
	M25 x 1.5	7 to 17	A/F29	32	50	<b>8161/8-M25-1707-L</b>	0.019
	M32 x 1.5	9 to 21	A/F36	40	25	<b>8161/8-M32-2109-L</b>	0.032
	M40 x 1.5	12 to 28	A/F46	51	10	<b>8161/8-M40-2812-L</b>	0.068
	M50 x 1.5	16 to 35	A/F55	61	4	<b>8161/8-M50-3516-L</b>	0.107
	M63 x 1.5	28 to 48	A/F68	75	1	<b>8161/8-M63-4828-L</b>	0.155
8161/7 Ex e for low temperature (black) -60 to +75 °C	M16 x 1.5	5 to 9	A/F20	22	50	<b>8161/7-M16-0905-LT</b>	0.009
	M20 x 1.5	7 to 13	A/F24	27	50	<b>8161/7-M20-1307-LT</b>	0.013
	M25 x 1.5	10 to 17	A/F29	32	50	<b>8161/7-M25-1710-LT</b>	0.019
	M32 x 1.5	13 to 21	A/F36	40	25	<b>8161/7-M32-2113-LT</b>	0.032
	M40 x 1.5	17 to 28	A/F46	51	10	<b>8161/7-M40-2817-LT</b>	0.068
	M50 x 1.5	23 to 35	A/F55	61	4	<b>8161/7-M50-3523-LT</b>	0.107
	M63 x 1.5	34 to 48	A/F68	75	1	<b>8161/7-M63-4834-LT</b>	0.155
8161/8 Ex i for low temperature (black with blue cap nut) -60 to +75 °C	M16 x 1.5	5 to 9	A/F20	22	50	<b>8161/8-M16-0905-LT</b>	0.009
	M20 x 1.5	7 to 13	A/F24	27	50	<b>8161/8-M20-1307-LT</b>	0.013
	M25 x 1.5	10 to 17	A/F29	32	50	<b>8161/8-M25-1710-LT</b>	0.019
	M32 x 1.5	13 to 21	A/F36	40	25	<b>8161/8-M32-2113-LT</b>	0.032
	M40 x 1.5	17 to 28	A/F46	51	10	<b>8161/8-M40-2817-LT</b>	0.068
	M50 x 1.5	23 to 35	A/F55	61	4	<b>8161/8-M50-3523-LT</b>	0.107
	M63 x 1.5	34 to 48	A/F68	75	1	<b>8161/8-M63-4834-LT</b>	0.155
8161/7 Ex e for low temperature with long thread (black) -60 to +75 °C	M16 x 1.5	5 to 9	A/F20	22	50	<b>8161/7-M16-0905-LTL</b>	0.009
	M20 x 1.5	7 to 13	A/F24	27	50	<b>8161/7-M20-1307-LTL</b>	0.013
	M25 x 1.5	10 to 17	A/F29	32	50	<b>8161/7-M25-1710-LTL</b>	0.019
	M32 x 1.5	13 to 21	A/F36	40	25	<b>8161/7-M32-2113-LTL</b>	0.032
	M40 x 1.5	17 to 28	A/F46	51	10	<b>8161/7-M40-2817-LTL</b>	0.068
	M50 x 1.5	23 to 35	A/F55	61	4	<b>8161/7-M50-3523-LTL</b>	0.107
	M63 x 1.5	34 to 48	A/F68	75	1	<b>8161/7-M63-4834-LTL</b>	0.155
8161/8 Ex i for low temperature with long thread (black with blue cap nut) -60 to +75 °C	M16 x 1.5	5 to 9	A/F20	22	50	<b>8161/8-M16-0905-LTL</b>	0.009
	M20 x 1.5	7 to 13	A/F24	27	50	<b>8161/8-M20-1307-LTL</b>	0.013
	M25 x 1.5	10 to 17	A/F29	32	50	<b>8161/8-M25-1710-LTL</b>	0.019
	M32 x 1.5	13 to 21	A/F36	40	25	<b>8161/8-M32-2113-LTL</b>	0.032
	M40 x 1.5	17 to 28	A/F46	51	10	<b>8161/8-M40-2817-LTL</b>	0.068
	M50 x 1.5	23 to 35	A/F55	61	4	<b>8161/8-M50-3523-LTL</b>	0.107
	M63 x 1.5	34 to 48	A/F68	75	1	<b>8161/8-M63-4834-LTL</b>	0.155

<sup>\*)</sup> Purchase order quantity in [pieces], the delivery quantity is automatically rounded to the delivery lot.

E10

## Cable gland

### Series 8161/7, 8161/8

Selection Table

Version	Thread size	Cable dia. range [mm]	Colour code	Width across flats [mm]	Across corners [mm]	Delivery lot <sup>*)</sup> pieces	Order number	Weight kg
8161/7 Ex e with multiple sealing insert (black) -40 to +75 °C Including 4 x red plug	M25	4 x 3.2 to 3.5	black	A/F29	32	50	<b>8161/7-M25-9999-MFD-04035</b>	
		4 x 3.6 to 4.0	white	A/F29	32	50	<b>8161/7-M25-9999-MFD-04040</b>	0.020
		4 x 4.1 to 4.5	green	A/F29	32	50	<b>8161/7-M25-9999-MFD-04045</b>	
		4 x 4.7 to 5.2	red	A/F29	32	50	<b>8161/7-M25-9999-MFD-04052</b>	
		4 x 5.4 to 6.0	white	A/F29	32	50	<b>8161/7-M25-9999-MFD-04060</b>	0.020
	M32	4 x 4.5 to 5.0	red	A/F36	40	25	<b>8161/7-M32-9999-MFD-04050</b>	
		4 x 6.3 to 7.0	white	A/F36	40	25	<b>8161/7-M32-9999-MFD-04070</b>	
8161/8 Ex i with multiple sealing insert (black with blue cap nut) -40 to +75 °C Including 4 x red plug	M25	4 x 3.2 to 3.5	black	A/F29	32	50	<b>8161/8-M25-9999-MFD-04035</b>	
		4 x 3.6 to 4.0	white	A/F29	32	50	<b>8161/8-M25-9999-MFD-04040</b>	0.020
		4 x 4.1 to 4.5	green	A/F29	32	50	<b>8161/8-M25-9999-MFD-04045</b>	
		4 x 4.7 to 5.2	red	A/F29	32	50	<b>8161/8-M25-9999-MFD-04052</b>	
		4 x 5.4 to 6.0	white	A/F29	32	50	<b>8161/8-M25-9999-MFD-04060</b>	0.020
	M32	4 x 4.5 to 5.0	red	A/F36	40	25	<b>8161/8-M32-9999-MFD-04050</b>	
		4 x 6.3 to 7.0	white	A/F36	40	25	<b>8161/8-M32-9999-MFD-04070</b>	

<sup>\*)</sup> Purchase order quantity in [pieces], the delivery quantity is automatically rounded to the delivery lot.

# Cable gland

## Series 8161/7, 8161/8



### Explosion Protection

<b>Global (IECEX)</b>	
Gas and dust	IECEX PTB 14.0011X Ex eb IIC Gb Ex tb IIIC Db

<b>Europe (ATEX)</b>	
Gas and dust	PTB 14 ATEX 1008X ⊗ II 2 G Ex eb IIC Gb ⊗ II 2 D Ex tb IIIC Db

<b>Certifications and certificates</b>	
Certificates	IECEX, ATEX, Kazakhstan (TR), Korea (KCs), Russia (TR), Belarus (TR)

### Technical Data

<b>Ambient conditions</b>	
Ambient temperature	Standard: -40 to +75 °C Low temperature: 8161/-...-...LT.: -60 to +75 °C
Use at the height of	< 2000 m

<b>Mechanical data</b>	
Material	Halogen-free, polyamide, glass fibre reinforced, flame resistant, self-extinguishing
Gland	
Surface resistance	$\leq 10^{13} \Omega$
Degree of protection	IP66, IP68 at 5 bar 30 min. (IP protection according to IEC/EN 60529)
Colour	8161/7: nozzle black, cap nut black (Ex e) 8161/8: nozzle black, cap nut blue (Ex i)
Impact strength	Thread size
	M12 x 1.5
	M16 x 1.5
	8161/-...-...LT.
	For ambient temperatures from -60 to -40 °C: Installation only in areas with a low risk of mechanical damage. Otherwise, protect the cable gland from mechanical damage.

### Mounting / Installation

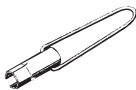


Mounting	Wall and flange thickness for installation of cable glands					
		Wall and flange thickness for installation in threaded holes		for installation with lock nuts in through holes		
	Thread size	Wall thickness of moulded material in mm	Wall thickness of metal in mm	Wall thickness of moulded material in mm	Wall thickness of metal in mm	Minimum height of locknut in mm
	M12 x 1.5 M16 x 1.5 M20 x 1.5 M25 x 1.5	≥ 3	≥ 3	2 to 6.5	1 to 6.5	3.0
	M32 x 1.5 M40 x 1.5 M50 x 1.5 M63 x 1.5	≥ 3	≥ 3	2 to 8	1 to 8	3.5 4.0 5.5 5.5
Tightening torque	Size of the cable gland	Connection thread in Nm at 20 °C		Cap nut in Nm at 20 °C		
	M12 x 1.5	2.0		2.0		
	M16 x 1.5	1.8		1.3		
	M20 x 1.5	2.3		1.5		
	M25 x 1.5	3.0		2.0		
	M32 x 1.5	4.5		3.0		
	M40 x 1.5	11.0		10.0		
	M50 x 1.5	13.0		12.0		
	M63 x 1.5	17.0		16.0		

E10

# Cable gland

## Series 8161/7, 8161/8

### Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Special key	 05263E00	for tightening cable entries or cap nuts for cable entries		
		Thread size      Delivery lot *)		
		M16 x 1.5      1	<b>114207</b>	0.120
		M20 x 1.5      1	<b>114208</b>	0.132
		M25 x 1.5      1	<b>114205</b>	0.163
		M32 x 1.5      1	<b>114209</b>	0.237
		M40 x 1.5      1	<b>114210</b>	0.274
Plug (-60 to +75 °C)	 16701E00	made of polyamide, red for closing unused cable entries		
		for cable entries RSI = Reduction sealing insert		
		Thread      Thread      Diameter **)      Delivery lot *) size      size without RSI      with RSI		
		M12      3      50	<b>240044</b>	0.001
		M12      M16      6      50	<b>240046</b>	0.001
		M16      M20      8      50	<b>240048</b>	0.001
		M20      M25      12      50	<b>240049</b>	0.002
		M32      14      50	<b>240050</b>	0.003
		M25           17      50	<b>240056</b>	0.003
		M32      M40      20      25	<b>240057</b>	0.004
		M50      25      25	<b>240058</b>	0.007
		M40           28      25	<b>240059</b>	0.009
		M50      M63      35      10	<b>240060</b>	0.010
M63           48      10	<b>240062</b>	0.028		
Plug for multiple sealing insert (-60 to +75 °C)	 16701E00	made of polyamide, red for closing unused cable entries		
		for cable entries		
		Thread size      Diameter **)      Delivery lot *)		
		M25      4      50	<b>261986</b>	0.001
M25 and M32      5      50	<b>265093</b>			
M32      7      50	<b>265094</b>			

\*) Purchase order quantity in [pieces], the delivery quantity is automatically rounded to the delivery lot.



\*\*) In addition to being used in normal screw connections, the diameters of 3 mm and 6 mm must also be used in multiple sealing inserts.

# Cable gland

## Series 8161/7, 8161/8



### Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Locknut, brass nickel-plated (-60 to +75 °C)	 <small>05865E00</small>	to fasten the cable glands in through holes for cable entries		
		Type      Thread size      Delivery lot <sup>*)</sup>		
		Brass, nickel-plated      M12 x 1.5      100	<b>241518</b>	0.220
		Brass, nickel-plated      M16 x 1.5      100	<b>241519</b>	0.290
		Brass, nickel-plated      M20 x 1.5      100	<b>241520</b>	0.480
		Brass, nickel-plated      M25 x 1.5      100	<b>241561</b>	0.720
		Brass, nickel-plated      M32 x 1.5      50	<b>241562</b>	0.545
		Brass, nickel-plated      M40 x 1.5      50	<b>241563</b>	1.030
		Brass, nickel-plated      M50 x 1.5      25	<b>241564</b>	0.680
		Brass, nickel-plated      M63 x 1.5      10	<b>241565</b>	0.499
Locknut, plastic (-40 to +75 °C)	 <small>05865E00</small>	to fasten the cable glands in through holes for cable entries		
		Type      Thread size      Delivery lot <sup>*)</sup>		
		Plastic      M12 x 1.5      100	<b>239460</b>	0.001
		Plastic      M16 x 1.5      100	<b>239461</b>	0.002
		Plastic      M20 x 1.5      100	<b>239462</b>	0.002
		Plastic      M25 x 1.5      100	<b>239463</b>	0.003
		Plastic      M32 x 1.5      50	<b>239464</b>	0.005
		Plastic      M40 x 1.5      50	<b>239465</b>	0.007
		Plastic      M50 x 1.5      25	<b>239466</b>	0.012
		Plastic      M63 x 1.5      10	<b>239467</b>	0.018



<sup>\*)</sup> Purchase order quantity in [pieces], the delivery quantity is automatically rounded to the delivery lot.

E10

## Cable gland

### Series 8161/7, 8161/8

#### Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg		
Flat gasket (standard), EPDM (-40 to +75 °C)	 04968E00	Replacement seals for cable entries				
		Thread size	Type	Delivery lot <sup>*)</sup>		
		M12 x 1.5	8161/.-M12-06..	50	<b>240244</b>	0.001
		M12 x 1.5	8161/.-M12-06..	100	<b>240245</b>	0.001
		M16 x 1.5	8161/.-M16-09..	50	<b>222363</b>	0.001
		M16 x 1.5	8161/.-M16-09..	100	<b>222370</b>	0.001
		M20 x 1.5	8161/.-M20-13	50	<b>222364</b>	0.001
		M20 x 1.5	8161/.-M20-13	100	<b>222371</b>	0.001
		M25 x 1.5	8161/.-M25-17	50	<b>222365</b>	0.001
		M25 x 1.5	8161/.-M25-17	100	<b>222372</b>	0.001
		M32 x 1.5	8161/.-M32-21	50	<b>222366</b>	0.001
		M32 x 1.5	8161/.-M32-21	100	<b>222373</b>	0.001
		M40 x 1.5	8161/.-M40-28	50	<b>222367</b>	0.002
		M40 x 1.5	8161/.-M40-28	100	<b>222374</b>	0.002
		M50 x 1.5	8161/.-M50-35	50	<b>222368</b>	0.002
		M50 x 1.5	8161/.-M50-35	100	<b>222375</b>	0.002
		M63 x 1.5	8161/.-M63-48	50	<b>222369</b>	0.002
		M63 x 1.5	8161/.-M63-48	100	<b>222376</b>	0.002
Flat seal, silicone, colour: red (-60 to +75 °C)	 04968E00	Replacement seals for low temperature for cable entries				
		Thread size	Type	Delivery lot <sup>*)</sup>		
		M16 x 1.5	8161/.-M16-09..	100	<b>240248</b>	0.001
		M20 x 1.5	8161/.-M20-13	100	<b>240249</b>	0.001
		M25 x 1.5	8161/.-M25-17	100	<b>240250</b>	0.001
		M32 x 1.5	8161/.-M32-21	100	<b>240251</b>	0.001
		M40 x 1.5	8161/.-M40-28	100	<b>240252</b>	0.002
		M50 x 1.5	8161/.-M50-35	100	<b>240253</b>	0.002
M63 x 1.5	8161/.-M63-48	100	<b>240254</b>	0.002		



<sup>\*)</sup> Purchase order quantity in [pieces], the delivery quantity is automatically rounded to the delivery lot.



## Cable gland Series 8161/7, 8161/8



### Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Reduction sealing insert (standard), EPDM (-40 to +75 °C)	 09343E00	for cable entries for thread size      Clamping range      Delivery lot *)		
		M12 x 1.5      1 to 3 mm      50	<b>239444</b>	0.001
		M16 x 1.5      2 to 6 mm      50	<b>239445</b>	0.001
		M20 x 1.5      4 to 8 mm      50	<b>239446</b>	0.001
		M25 x 1.5      7 to 12 mm      25	<b>239447</b>	0.003
		M32 x 1.5      9 to 14 mm      25	<b>239448</b>	0.003
		M40 x 1.5      12 to 20 mm      10	<b>239449</b>	0.007
		M50 x 1.5      16 to 25 mm      10	<b>239450</b>	0.012
		M63 x 1.5      28 to 38 mm      10	<b>239451</b>	0.019
Reduction sealing insert, silicone (-60 to +75 °C)	 09343E00	for cable entries for thread size      Clamping range      Delivery lot *)		
		M16 x 1.5      2 to 6 mm      50	<b>239453</b>	0.001
		M20 x 1.5      4 to 8 mm      50	<b>239454</b>	0.001
		M25 x 1.5      7 to 12 mm      25	<b>239455</b>	0.002
		M32 x 1.5      9 to 14 mm      25	<b>239456</b>	0.003
		M40 x 1.5      12 to 20 mm      10	<b>239457</b>	0.008
		M50 x 1.5      16 to 25 mm      10	<b>239458</b>	0.015
		M63 x 1.5      28 to 38 mm      10	<b>239459</b>	0.025

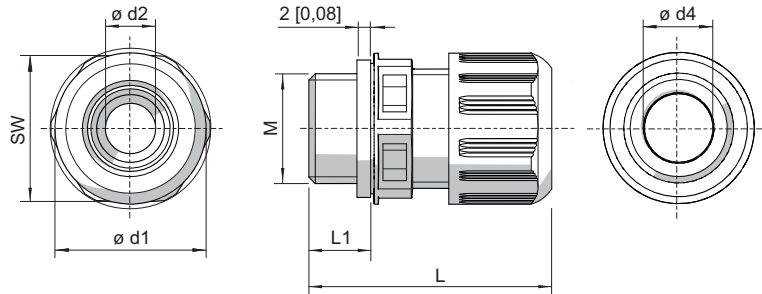
\*) Purchase order quantity in [pieces], the delivery quantity is automatically rounded to the delivery lot.

E10

# Cable gland

## Series 8161/7, 8161/8

**Dimensional drawings** (all dimensions in mm [inches]) – Subject to modification



04667/E00

### Series 8161 cable glands

**Cable glands without bend protection** (all dimensions in mm [inches])

Thread size	A/F	L	L with long thread	L1	L1 as long thread	Clamping range	Clamping range + RSI <sup>*)</sup>	d1	d2	d4
M12 x 1.5	16 [0.63]	29 to 34 [1.14 to 1.34]	35 to 40 [1.38 to 1.57]	9 [0.35]	15 [0.59]	3 to 6 [0.12 to 0.24]	1 to 3 [0.04 to 0.12]	18 [0.71]	7.3 [0.29]	6.3 [0.25]
M16 x 1.5	20 [0.79]	31 to 37 [1.22 to 1.46]	37 to 43 [1.46 to 1.69]	9 [0.35]	15 [0.59]	4.5 to 9 [0.19 to 0.35]	2 to 6 [0.08 to 0.24]	22 [0.87]	10.3 [0.41]	9.3 [0.37]
M20 x 1.5	24 [0.94]	36 to 43 [1.42 to 1.70]	41 to 48 [1.61 to 1.89]	10 [0.39]	15 [0.59]	7 to 13 [0.28 to 0.51]	4 to 8 [0.16 to 0.31]	27 [1.06]	13.3 [0.52]	13.3 [0.52]
M25 x 1.5	29 [1.14]	38 to 46 [1.50 to 1.81]	43 to 51 [1.69 to 2.01]	10 [0.39]	15 [0.59]	10 to 17 [0.39 to 0.67]	7 to 12 [0.28 to 0.47]	32 [1.26]	17.3 [0.68]	17.3 [0.68]
M32 x 1.5	36 [1.42]	42 to 50 [1.65 to 1.97]	45 to 53 [1.77 to 2.09]	12 [0.47]	15 [0.59]	13 to 21 [0.51 to 0.83]	9 to 14 [0.35 to 0.55]	40 [1.57]	21.3 [0.84]	21.3 [0.84]
M40 x 1.5	46 [1.81]	52 to 65 [2.05 to 2.56]	58 to 71 [2.28 to 2.80]	12 [0.47]	18 [0.71]	17 to 28 [0.67 to 1.10]	12 to 20 [0.47 to 0.79]	51 [2.01]	28.3 [1.11]	30 [1.18]
M50 x 1.5	55 [2.17]	59 to 72 [2.32 to 2.83]	63 to 76 [2.48 to 2.99]	14 [0.55]	18 [0.71]	23 to 35 [0.91 to 1.38]	16 to 25 [0.63 to 0.98]	61 [2.40]	35.3 [1.39]	40 [1.57]
M63 x 1.5	68 [2.68]	64 to 78 [2.52 to 3.07]	67 to 81 [2.64 to 3.19]	15 [0.59]	18 [0.71]	34 to 48 [1.34 to 1.89]	28 to 38 [1.10 to 1.50]	75 [2.95]	48.3 [1.90]	53 [2.09]

<sup>\*)</sup> Reduction sealing insert

**Cable glands with multiple sealing insert** (all dimensions in mm [inches])

Thread size	A/F	L	L1	Clamping range	d1
M25 x 1.5 MFD-04035	29 [1.14]	38 to 46 [1.50 to 1.81]	10 [0.39]	4 x 3.2 to 3.5 [4 x 0.13 to 0.14]	32 [1.26]
M25 x 1.5 MFD-04040	29 [1.14]	38 to 46 [1.50 to 1.81]	10 [0.39]	4 x 3.6 to 4.0 [4 x 0.14 to 0.16]	32 [1.26]
M25 x 1.5 MFD-04045	29 [1.14]	38 to 46 [1.50 to 1.81]	10 [0.39]	4 x 4.1 to 4.5 [4 x 0.16 to 0.18]	32 [1.26]
M25 x 1.5 MFD-04052	29 [1.14]	38 to 46 [1.50 to 1.81]	10 [0.39]	4 x 4.7 to 5.2 [4 x 0.19 to 0.20]	32 [1.26]
M25 x 1.5 MFD-04060	29 [1.14]	38 to 46 [1.50 to 1.81]	10 [0.39]	4 x 5.4 to 6.0 [4 x 0.21 to 0.24]	32 [1.26]
M32 x 1.5 MFD-04050	36 [1.42]	42 to 50 [1.65 to 1.97]	12 [0.47]	4 x 4.5 to 5.0 [4 x 0.18 to 0.20]	40 [1.57]
M32 x 1.5 MFD-04070	36 [1.42]	42 to 50 [1.65 to 1.97]	12 [0.47]	4 x 6.3 to 7.0 [4 x 0.25 to 0.28]	40 [1.57]

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.