



- Specially designed for Non-armoured cables
- Single compression: on the cable (inner sealing)
- Easy assembly

The Cable Gland Type 07-9430-41 are suitable for inserting circular cables into Ex db enclosures with threaded entries and Ex eb or Ex tb enclosures having either threaded or plane entries. They are suitable for use in Zone 1, 2 for gas groups IIA, IIB and IIC and for use in Zone 21 and 22 for dust groups IIIA, IIIB and IIIC. The glands are fastened to the enclosure via the external thread section on the gland outer body. An elastomeric inner sealing ring is used in each gland type to facilitate sealing between the cable and the gland body and to clamp the cable so that no tensile or torsional forces are transmitted to the conductor connections. IP66/68 protection (50 m for 30 minutes) is maintained when the glands are installed according to the operating instructions.

Explosion protection

Marking ATEX	⊕ II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
Certification	CESI 18 ATEX 039 X
Marking IECEx	Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
Certification	IECEx CES 18.0041X
Suitable for use in	Group II, Gas Group IIC, Zone 1/Zone 2 Group III, Dust Group IIIC, Zone 21/Zone 22
Equipment Marking	Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
Other approvals and certificates, see www.bartec.de	

Technical data

Material	Body, Cap/Inner Part: Brass nickel plated, stainless steel, Seal/O-ring: CR (Chloroprene), Silicone
Protection class	IP 68 - 5 bar, 30 min, IP 66
Operating temperature	Seal Material CR (Chloroprene): -40 °C to +80 °C Seal Material Silicone: -60 °C to +130 °C
Equipment for	Gas & Dust potentially explosive atmospheres
Thread type	Metric (M) ISO Pitch 1.5 NPT (N) ANSI ASME B1.20.1 Other thread types available upon request.
Cable type	Non-armoured
Accessories	Lock nuts, gaskets (washers), serrated washers, earth tags

Note:
O-ring available in metric outer threads. Accessories must be ordered separately.

Our standard cable gland is nickel-plated brass with silicone seal material. The stainless steel version with silicone and chloroprene seal material is also available on request.

Dimensions and order numbers can be found in the table on the following page.



Ordering information

Thread type METRIC according to ISO 965 - 3

Outer thread size (male)	Clamping range	Outer thread length	Spanner width		Outer Ø	Max. height	Order no.
	Ø min.-max. mm	TL mm	Cap SW mm	Body SW mm	D mm	H mm	
M16 x 1,5	3,0 - 8,5	16,0	26	22	29,0	27,0	07-9430-41M10001
	6,0 - 12,0	16,0	29	25	31,5	30,0	07-9430-41M100L1
M20 x 1,5	6,0 - 12,0	16,0	29	25	31,5	29,5	07-9430-41M20001
	12,0 - 14,5	16,0	30	28	33,5	30,0	07-9430-41M200L1
M25 x 1,5	6,0 - 12,0	18,0	29	29	31,5	30,5	07-9430-41M300R1
	12,0 - 16,0	18,0	34	32	37,0	30,5	07-9430-41M30001
	12,0 - 20,0	18,0	40	36	44,5	34,5	07-9430-41M300L1
M32 x 1,5	12,0 - 20,0	18,0	40	40	44,5	35,5	07-9430-41M400R1
	15,0 - 26,0	18,0	52	48	57,0	42,5	07-9430-41M40001
M40 x 1,5	15,0 - 26,0	18,0	52	48	57,0	42,5	07-9430-41M500R1
	20,0 - 32,0	18,0	60	55	66,0	52,0	07-9430-41M50001
M50 x 1,5	22,0 - 35,0	18,0	70	60	77,0	52,0	07-9430-41M600R1
	27,0 - 41,0	18,0	70	70	77,0	55,5	07-9430-41M60001
M63 x 1,5	35,0 - 45,0	20,0	80	75	89,5	63,5	07-9430-41M700R1
	40,0 - 52,0	20,0	85	85	94,0	63,5	07-9430-41M70001
M75 x 1,5	40,0 - 52,0	20,0	85	85	94,0	63,5	07-9430-41M800R1
	45,0 - 60,0	20,0	95	90	105,0	73,5	07-9430-41M80001
M90 x 1,5	45,0 - 60,0	20,0	95	95	105,0	73,5	07-9430-41M900R1
	60,0 - 72,0	20,0	115	110	127,0	85,5	07-9430-41M90001

Thread type NPT according to ANSI ASME B1.20.1

Outer thread size (male)	Clamping range	Outer thread length	Spanner width		Outer Ø	Max. height	Order no.
	Ø min.-max. mm	TL mm	Cap SW mm	Body SW mm	D mm	H mm	
NPT 3/8"	3,0 - 8,5	16,0	26	22	29,0	27,0	07-9430-41N10001
	6,0 - 12,0	16,0	29	25	31,5	30,0	07-9430-41N100L1
NPT 1/2"	6,0 - 12,0	21,0	29	25	31,5	29,0	07-9430-41N20001
	12,0 - 14,5	21,0	30	28	33,5	30,0	07-9430-41N200L1
NPT 3/4"	6,0 - 12,0	21,0	29	29	31,5	30,5	07-9430-41N300R1
	12,0 - 16,0	21,0	34	32	37,0	30,5	07-9430-41N30001
	12,0 - 20,0	21,0	40	36	44,5	34,0	07-9430-41N300L1
NPT 1"	12,0 - 20,0	26,0	40	40	44,5	35,5	07-9430-41N400R1
	15,0 - 26,0	26,0	52	48	57,0	42,0	07-9430-41N40001
NPT 1 1/4"	15,0 - 26,0	28,0	52	48	57,0	44,0	07-9430-41N500R1
	20,0 - 32,0	28,0	60	55	66,0	52,0	07-9430-41N50001
NPT 1 1/2"	22,0 - 35,0	28,0	70	60	77,0	52,0	07-9430-41N600R1
	27,0 - 41,0	28,0	70	70	77,0	55,5	07-9430-41N60001
NPT 2"	35,0 - 45,0	28,0	80	75	89,5	63,0	07-9430-41N700R1
	40,0 - 52,0	28,0	85	85	94,0	63,5	07-9430-41N70001
NPT 2 1/2"	40,0 - 52,0	41,0	85	85	94,0	63,5	07-9430-41N800R1
	45,0 - 60,0	41,0	95	90	105,0	73,5	07-9430-41N80001
NPT 3"	45,0 - 60,0	43,0	95	95	105,0	73,5	07-9430-41N900R1
	60,0 - 72,0	43,0	115	110	127,0	85,5	07-9430-41N90001