

NEW Self-Regulating Heating Cable BSA



SUPER FLEXIBLE. EASY TO INSTALL. EXTREMELY RELIABLE.



NEW SELF-REGULATING HEATING CABLE NVENT RAYCHEM BSA

The BSA self-regulating heating cable is designed for freeze protection and temperature maintenance applications up to 65°C, with maximum exposure of 85°C.

It is the perfect alternative to our well-known nVent RAYCHEM BTV heating cable, when working in industrial non-hazardous locations with mild inorganic exposure, including chemical, power, marine, food and pharmaceutical sectors.

It is available and certified for use in Europe, Russia and CIS India and Middle East.

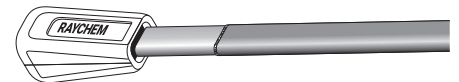
SUPER FLEXIBLE

- The foil wrap /drain-wire construction and modified polyolefin jackets provide a highly flexible cable, that it easy to handle around complex or small pipe networks.



EASY TO INSTALL

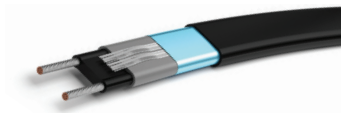

- The unique construction allows stripping the jackets in no time, for fast connection.
- The BSA industrial connection kits are designed to minimize installation time. The junction boxes include spring type terminals and captive screws. The end seal is gel filled and allows for termination within seconds.
- The self-regulating feature of the BSA heating cable limits its surface temperature and allows for safest trace heating of critical lines without additional controls or limiters.



EXTREMELY RELIABLE

- The foil wrap /drain wire technology provides 100% electrical earth path coverage for ultimate safety
- By using the same RAYCHEM cross-linked heating core technology as the well-known BTV, the BSA is extremely reliable during long life operation.
- The BSA heating system comes with a 10-year product warranty program.



COMPARISON	BSA	BTV
		
Model, power output @10°C , max circuit length	3BSA2-DR , 3 W/ft , 150m 7BSA2-DR , 7 W/ft , 120m	3BTV2-CR, -CT , 3W/ft , 200m 5BTV2-CR, -CT , 5 W/ft , 160m 8BTV2-CR, -CT , 8 W/ft , 125m 10BTV2-CR, -CT , 10 W/ft , 110m
Application	Non-hazardous Mild inorganic exposure	Hazardous, or non-hazardous Mild inorganic exposure (-CR), or organic corrosives (-CT)
Approvals	CE, EAC, DNV	CE, EAC, DNV, IECEx/ATEX
Cable construction	<ul style="list-style-type: none"> Ni-Cu conductors 1.3 mm² nVent RAYCHEM heating core Modified polyolefin inner jacket Foil wrap/drainwire earth path Modified polyolefin outer jacket (-DR) 	<ul style="list-style-type: none"> Ni-Cu conductors 1.3 mm² nVent RAYCHEM heating core modified polyolefin inner jacket Braiding earth wire modified polyolefin outer jacket (-CR), or fluoropolymer (-CT)
Max maintain T	65°C	65°C
Max intermittent exposure T	85°C	85°C
Min installation T	-60°C	-60°C
Bending radius @ 20°C	10mm	13mm
Dimension (Weight)	6.2 * 13.7 mm (130g/m)	5.5 * 10.5 mm (110 g/m) for 3-5BTV 5.5 * 15.4 mm (153 g/m) for 8-10BTV

BSA PART NUMBERS

3BSA2-DR	P000002271	Self-regulation heating cable, 10W/m @ 10°C
7BSA2-DR	P000002272	Self-regulation heating cable, 23W/m @ 10°C
JB-NH2	1244-020910	Junction box, glass reinforced polymer, grey, 2 * M25, non-hazardous
JB-NH4	1244-020911	Junction box, glass reinforced polymer, grey, 4 * M25, non-hazardous
C25-01	1244-020909	Connection kit to JB-NH junction boxes, non-hazardous
E-02-AL	1244-020913	End seal, gel filled, non-hazardous

BSA heating systems can be combined with following existing components: SB-100, JB-82, IEK-25-04, IEK-25-pipe, JB-82, and with existing controllers and thermostats.

For more information and pricing, contact your local nVent representative.



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