



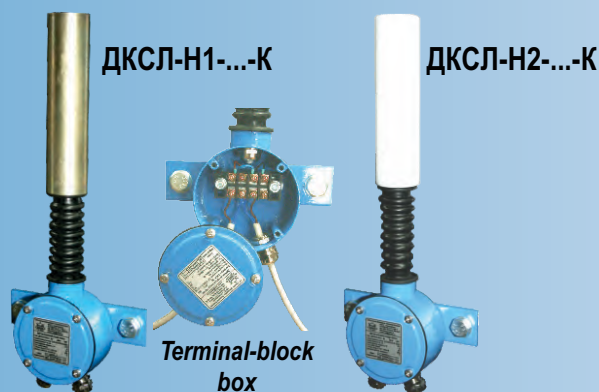
The sensors of belt coming off checking ДКСЛ-Н1(2)-01, ДКСЛ-Н1(2)-02, ДКСЛ-Н1(2)-03 series

The sensors of belt coming off checking ДКСЛ-Н1(2)-01(02, 03) - are designed for emergency belt coming off checking and giving the signal (by completing or breaking an electric circuit) to a system of remote or automatic control . The sensors are made according to GOST (State standard) 24754-81, conform to the electrical equipment mine regular MN-2 and must be used on the conveyors that operate in enterprises of various industries, in drift mining that are not dangerous with respect to gas, vapour and dust explosion.

The distinction of these products is high protection degree according to GOST 14254-96 - Ip66, Ip67, that provides the high durability of the product and allows to use it in the tough operating conditions.

A receiving part of the sensors of ДКСЛ-Н1-... series is made in the form of non rotating metal sleeve , a receiving part of the sensors of ДКСЛ-Н2-...series - is a roller made of polyformaldehyde, rotating by rolling-contact bearings . The sensors can have any operating attitude.

SENSORS WITH TERMINAL-BLOCK BOX



SENSORS WITH BUILT-IN CABLE



SPECIFICATIONS:

Angle of actuation, degree

Switching voltage, V

Switching current, I_{max}, A

Power handling, W

Operating temperature range, °C

Protection degree

Cable connection, L=2m

when ordering other lengths, indicate the number of meters in the end of the denomination (see example of notation)

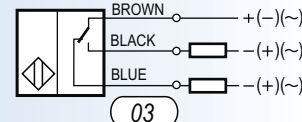
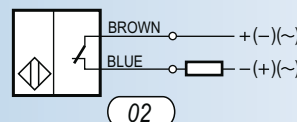
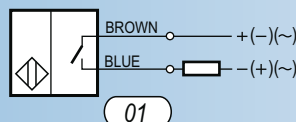
Dimensions, mm

Sensor weight, kg

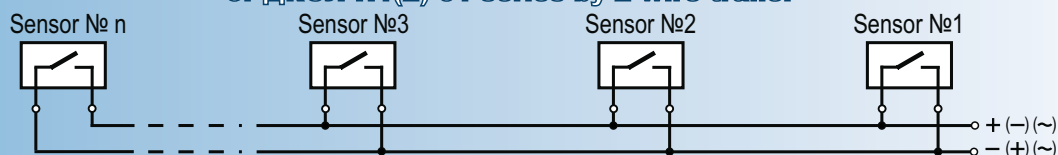
Denomination - sensors of ДКСЛ-Н1(2)-...series

01	02	03
30	30	30
5 - 250 DC/AC	5 - 250 DC/AC	0,05- 250 DC/AC
0,01-5 active., 0,01-0,4 ind. heat.	0,01-5 active., 0,01-0,4 ind. heat.	1
250	250	30
<ul style="list-style-type: none"> • typical execution t = -25...+75°, no marking • high- temperature execution t = -15...+105°, in sensor denomination marked - BT • low-temperature execution t = -45...+65°, in sensor denomination marked - HT • low-temperature execution t = -60...+50°, in sensor denomination marked - 2HT 		
Ip66 with terminal-block box, Ip67 with cable		
2x0,5 mm ²	2x0,5 mm ²	3x0,34 mm ²
60x140x352		
1,8		

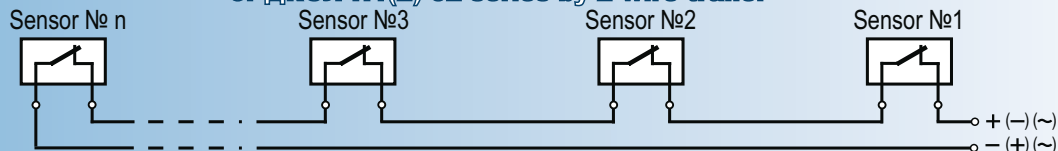
Wiring diagrams:



Several sensors shunt connection mode of ДКСЛ-Н1(2)-01 series by 2 wire trailer



Several sensors series connection mode of ДКСЛ-Н1(2)-02 series by 2 wire trailer





CONVEYOR AUTOMATION

Sensors of ДКСЛ-Н1(2)-01(02, 03) series are available in several versions that differ from each other in execution of receiving part, connection diagram, operating temperature ranges and mode of connection to circuit diagram.

Example of sensor notation in the documentation and orders:

ДКСЛ - Н1 - 03 - НТ - К

Sensor of belt coming off checking

Mode of installation and type of receiving part :

H1 - with lower fastening, receiving part - non rotating sleeve;

H2 - with lower fastening, receiving part - rotating roller.

Type of sensor contact: **01** - normally open.

02 - normally closed; **03** - switching.

Temperature range of usage:

HT - $-45^{\circ} \dots +65^{\circ} \text{C}$;

BT - $-15^{\circ} \dots +105^{\circ} \text{C}$;

2HT-

$-60^{\circ} \dots +50^{\circ} \text{C}$;

no marking - $-25^{\circ} \dots +75^{\circ} \text{C}$.

Connection mode:

- **K** - terminal-block box, for sensors with built-in cable - number indicating cable length in meters, typical execution - 2 m, no marking in denomination.

Optional equipment

SOCKET MT-15



SOCKET MT-15 allows to attach metal hose or metal hose in PVC shell 15mm in diameter to cable lead-in of sensor to protect the cable from mechanical and corrosive factors.



Example of socket MT-15 use

Address unit

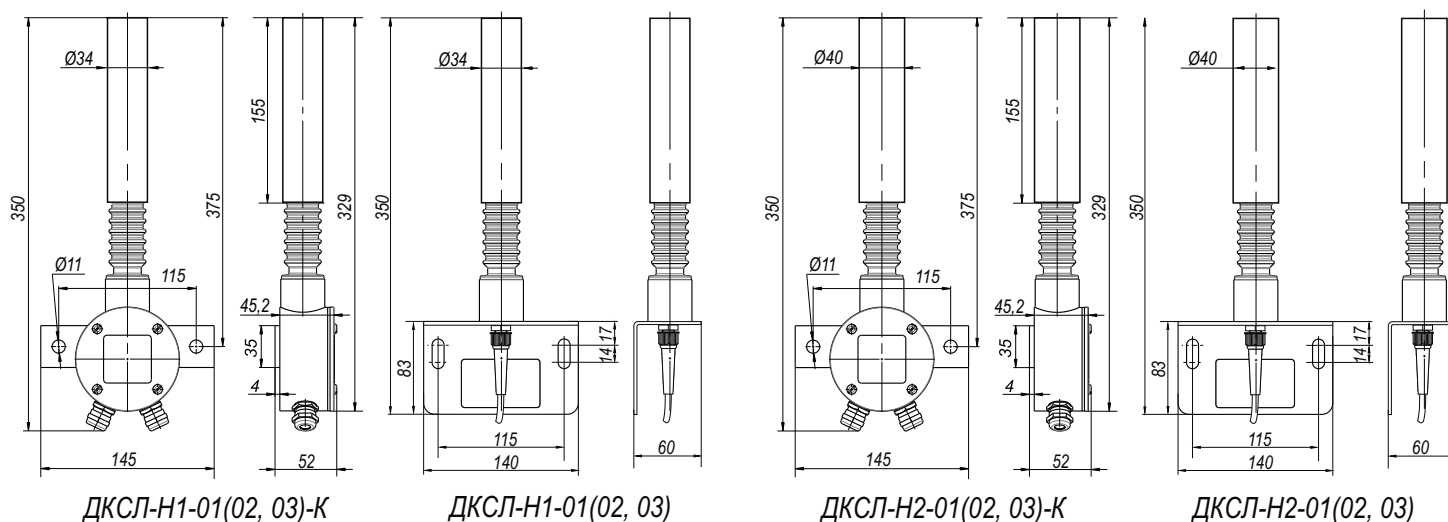
AM-УКК «Адрес»



The address unit AM-УКК «Адрес» is designed for determining an address of sensor that snapped into action. Its use allows to reduce the time it takes for search of emergency section, to minimize a waste caused by downtime of conveyor transport.

The address unit is made to be used together with the conveyor control device УКК «Адрес». For specifications, recommendations for use, wiring diagrams see the part of the catalogue 10.2 «Conveyor control device УКК «Адрес».

Dimensions



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