

PRESSURE RELIEF DEVICES / SELECTION

YSF9 Remote

Pressure relief with electrical alarm contacts and continuous tank-pressure monitoring. The catalog includes both directional and standard-body remote outlines.

01 Operating and selection data

Parameter	Catalog information
Discharge diameter	130 mm
Discharge arrangement	Directional / standard body references
Ambient temperature	-30 to +50 °C
Operating temperature	-30 to +115 °C
Installation positions	Tank cover, raised seat or upper tank side wall
Sealing-pressure selection	Maximum normal tank pressure + 7 kPa must be less than the sealing pressure.

02 Order-code reference

YSF9-70/130DSKJTHB-M

The 70 kPa opening pressure belongs to this example. Opening, closing and sealing pressures must be confirmed for the ordered configuration; the example is not a universal series rating.

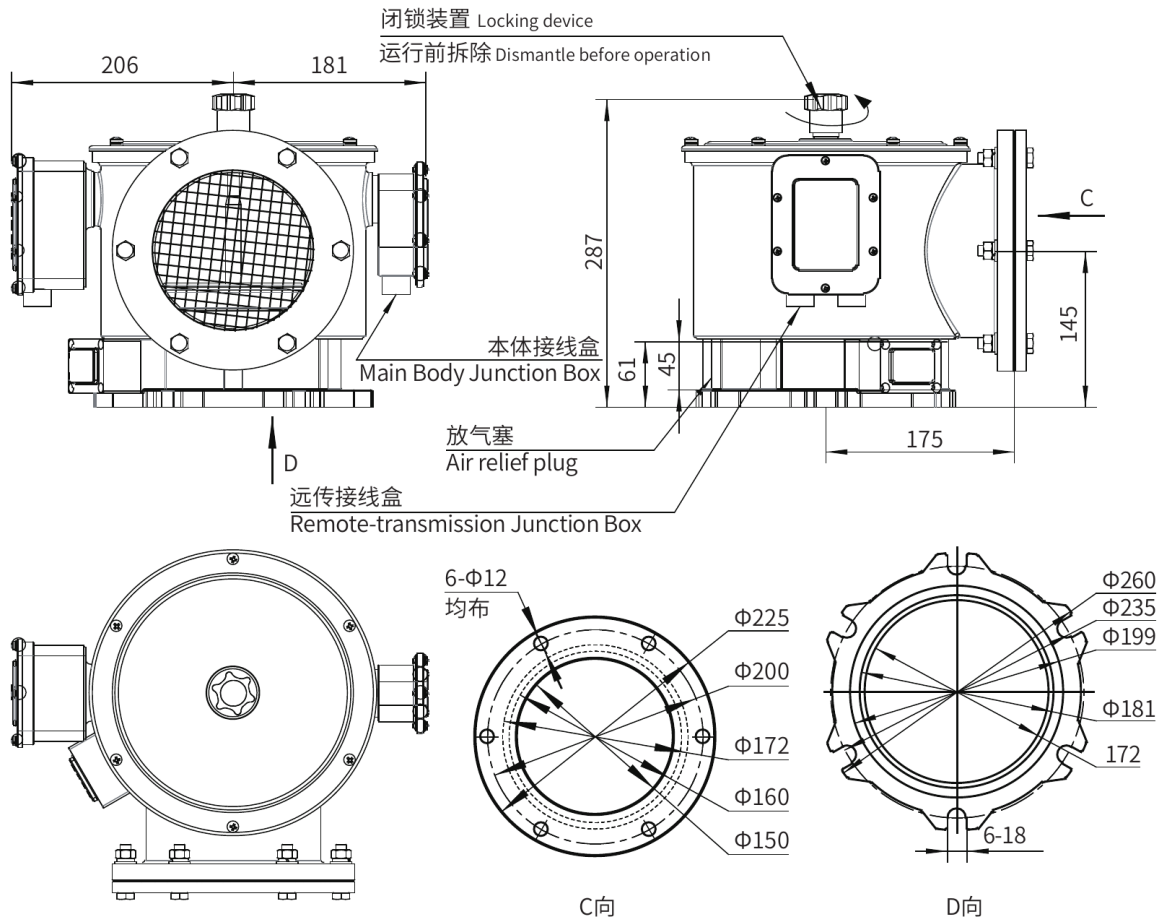
YSF9-130D and YSF9-130K remote-body drawing references. The full order-code example includes directional discharge (D) and remote output (-M).

Source: printed catalog pages 19-22. This packet applies only to the named series. Match the complete order code, mounting and contact configuration before ordering.

ORIGINAL TECHNICAL DRAWINGS / MECHANICAL

Directional remote body

Original bilingual dimensions and labels. Drawing values are in millimetres.



YSF9-130D远传压力释放阀外形图
YSF9-130D Remote-Transmission pressure relief valve outline

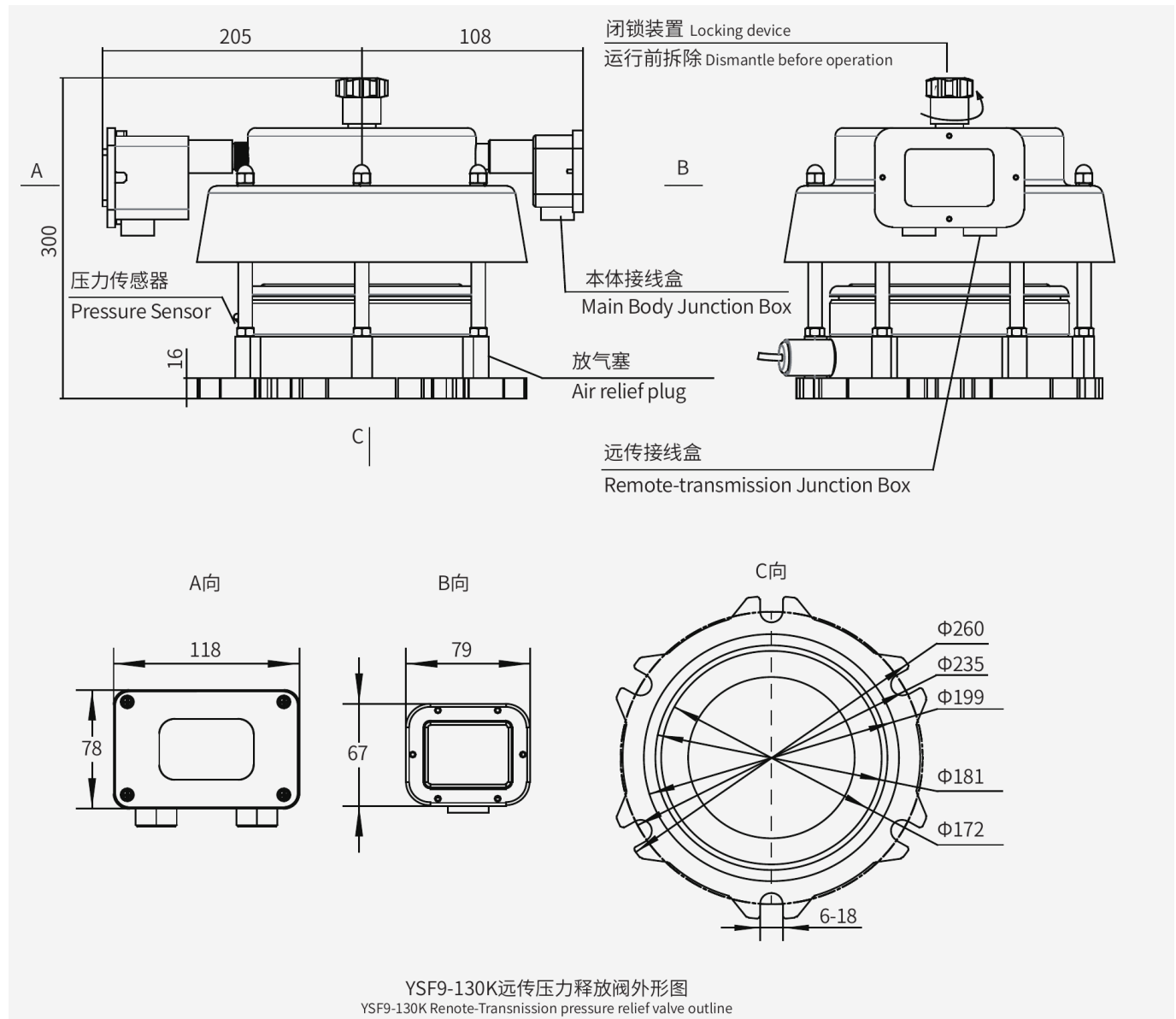
Use the directional drawing for the D body and the separate standard drawing for the K body. Both the main-body and remote-transmission junction boxes are shown.

Drawing note: remove the locking device before operation. Confirm the full installation drawing for the ordered configuration, including mounting clearances and outlet orientation.

ORIGINAL TECHNICAL DRAWINGS / MECHANICAL

Standard remote body

Original bilingual dimensions and labels. Drawing values are in millimetres.



Use the directional drawing for the D body and the separate standard drawing for the K body. Both the main-body and remote-transmission junction boxes are shown.

Drawing note: remove the locking device before operation. Confirm the full installation drawing for the ordered configuration, including mounting clearances and outlet orientation.

ELECTRICAL CONTACTS / SIGNAL CONFIGURATION

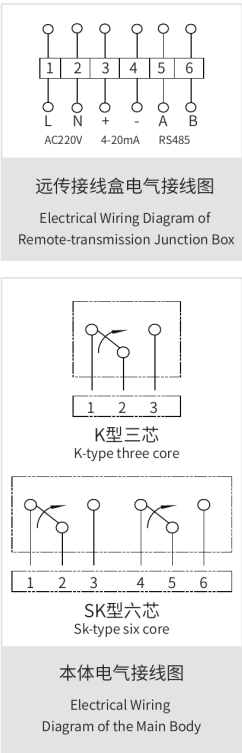
Contacts & wiring

03 Contact capacity

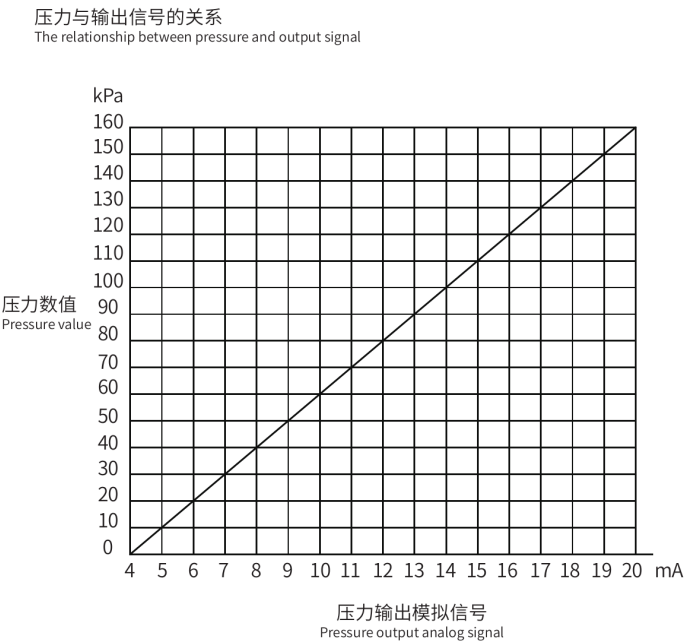
Supply	Voltage	Resistive load	Inductive load
AC	220 V	5 A	3 A (cos phi = 0.4)
DC	220 V	0.3 A	0.05 A (T = 7 ms)

The remote junction box is shown with terminals 1-2 for AC 220 V (L/N), 3-4 for 4-20 mA (+/-) and 5-6 for RS485 (A/B). Protective K / SK contacts are wired in the separate main-body box.

产品接线图
Product wiring diagram



压力与远传信号对应曲线图
Corresponding Curve Diagram of Pressure and Remote-transmission Signal



The original current-to-pressure curve is retained with its axis labels. Confirm the ordered transmitter range and RS485 communication settings; the catalog does not supply a register map or baud-rate specification.