HITACHI
Inspire the Next

C S
CODE AND SPECIFICATIONS SHEET

N8 Series Transmitters
Special Specifications Products (Z Code)

We can provide you with the product of special specifications of N8 series transmitters based on the following specifications.
Please specify the following codes at the end of product codes based on your usage purposes.
Please specify the codes successively if you wish to specify multiple Z codes (Example: —Z29Z30Z52).

Z CODE TABLES

Code	Item	Model	Remarks
Z9	High pressure on the right, low pressure on the left	EDR-N8, EDR-N8H, EDR-N8C, EDR-N8E	
Z11	With dummy screws (Stopper in the holes for mounting oval flange)	EDR-N8, EDR-N8H, EDR-N8C, EDR-N8F, EDR-N8E	Preventing accumulation of dusts, etc. in the screw holes for mounting oval flange
Z17	With mill sheet (Note 1)	All models	Certificate for the same materials of different lots
Z18	With strength calculation statement (Please fill in the strength calculation design requirements form and send it to us at the time of your purchase order.)	All models	
Z19	Withstanding pressure/air-tightness tests (Submitting test reports)	All models	
Z20	Helium leak test	All models	
Z25	Electric damper time constant (approx. 1s)	EDR-N8, EDR-N8E	
Z29	With mill sheet / strength calculation statement (Note 1) (Please fill in the strength calculation design requirements form and send it to us at the time of your purchase order.)	All models	Please specify this when you use the transmitter for high-pressure gas facilities.
Z30	With traceability certificate (Note 2)	All models	Calibration certificate for calibration instruments for transmitters
Z51	Anti-corrosion coating Anti-corrosion is painted on welded part of wet flange. (Only VT, SVT types are supported)	Transmitters with Remote-Sealed Diaphragm	We recommend you to select this when you plan to use the transmitter in corrosive atmosphere.
Z52	Gold-plated diaphragm	All models	Effective in preventing hydrogen transparency
Z53	With RF/R flange (Not available for Material code: TA)	EDR-N8S, EDR-N8F, EPR-N8S, EDR-N8FS, EDR-N8AF, EDR-N8AS	The bearing surface of the packing for the wet flange is serration-processed.
Z54	With mesh filter (one piece) (Please order an oval flange separately as the filter is inserted by an oval flange.)	EDR-N8, EDR-N8E EDR-N8F	The mesh filter is inserted in the open air of the pressure inlet.
Z56	Dual mounting of flanges (Not available for VT, SVT, back ejection of capillary and flange aperture of 40A or less)	EDR-N8S	Please specify when measuring low range pressures that cannot be measured by the EPR-N8S. (See Fig. 1.)

Z57	With reducer (for flange aperture of 25A or 1B or less) (Material:SUS316) Please specify the flange standard of a reducer on the process when specifying the flange standard code. (Example) For process connection of 15A-JIS10K: EDR-N8S- ••• -15J10-E0- ••• -Z57	EDR-N8S, EPR-N8S	Please specify this for a flange aperture of 25A or 1B or less. (See Fig. 2.) This is not available for Wet Temperature: HT and Material: TA
Z59	Heavy-duty anti-corrosion painting (amplifier case, cover)	All models	The epoxy resin paint is re-coated.
Z71	Specifying various configuration values (Please fill in the various configuration values parameter sheets and send them to us at the time of your purchase order.)	All models	
Z72	Embedded with gold-plated diaphragm, hydrogen-absorbing substance	EDR-N8S, EDR-N8F, EPR-N8S, EDR-N8FS, EDR-N8AF, EDR-N8AS, EDR-N8SD, EDR-N8FD, EPR-N8SD	This is effective for hydrogen transparency that cannot be supported only by the gold-plated diaphragm.

(Note 1) The mill sheets are provided in a set for the same model and the same specifications when a multiple units of a system is ordered.

(Note 2) The traceability certificate varies depending on the model and the specified adjustment range. A set of certificates is provided for the same measurement instrument used when a multiple units of a system is ordered.

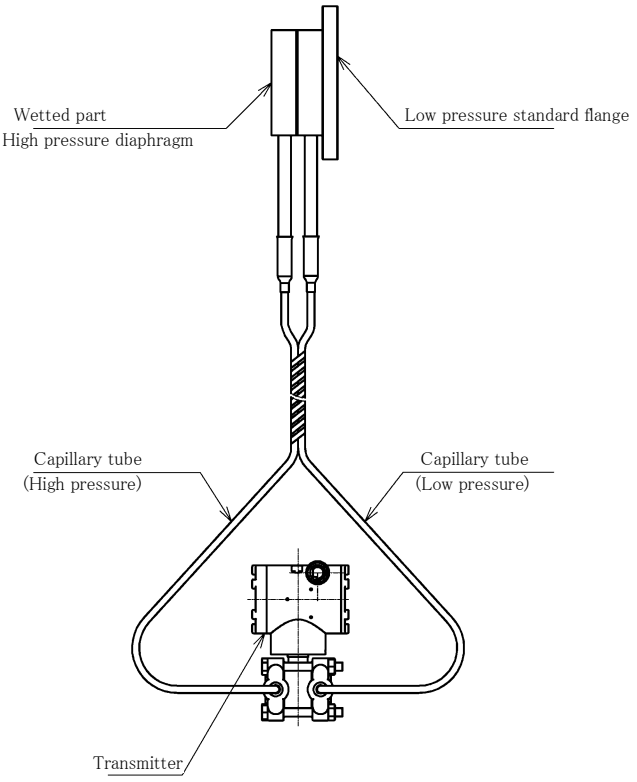

Fig. 1 Duplicate use of Z56 flange

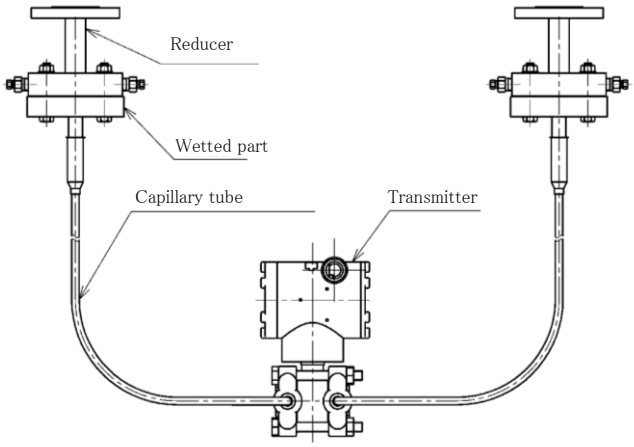

Fig. 2 Transmitter with Z57 reducer

Strength Calculation Statement
Fluid Requirements Form

Order No.	:
(Factory Manufacturing No.)	:
Instrument No. (Tag No.)	:
	:
	:

Fluid name	:
Designed pressure	:
Designed temperature	:
Ordinary pressure	:
Ordinary temperature	:

Product code:

Please fill in the fluid requirements when you request the Strength Calculation Statement by Z18 and Z29 codes and send it to our sales office or Technology Department.

Various Configuration Values Parameter Sheet

Please fill in the "Description of specified configuration" column in the table below together with Z71 code and send it to us if you request for the configuration before shipment.

Configuration item	Processing description	Default (No specification by customer)	Description of specified configuration	Remarks
Output mode and display mode	Configure proportional or square root output for output signal and indicator display	Proportional/ square root		Specify each in the order of output and display.
Damping time constant	Configure between 0.1-102.4s (at 0.1s step)	0.2s		
Zero-cut cut point/ cut-point or less output	Configure output cut point for square root output (None, 0, 0.16, 0.25, 0.5, 1, 2, 3. 4)	None		
	Configure cut-point or less output (zero, straight line, 1:1)	Zero		
Failure mode/output range	Configure burn-out mode (None, UP, DOWN)	None		
	Output value for burn-up(20.00-22.40mA)	22.40mA		
	Output value for burn-down(3.20-4.00mA)	3.20mA		
	Output value for overflow(20.00-21.60mA)	21.60mA		
	Output value for cut-off(3.60-4.00mA)	3.60mA		
External operation	Configure performance for external operation (prohibited, zero-shift allowed, all allowed)	Zero-shift allowed		
H/L switchover	Configure pressure inlet direction (high pressure (H)/low pressure (L))	H/L		Please specify H/L (high pressure on the left) or L/H (high pressure on the right).
Static pressure selection	Configure static pressure (high pressure value, low pressure value, H side, L side) to be displayed/output	High pressure value		
Face-to-face adjustment	Enable or disable automatic configuration of face-to-face adjustment	Disabled		

●Please read the "Instruction Manual" carefully before use.
●Appearance and specifications are subject to change partially for improvement.