



NEO WAVE®

Overview:

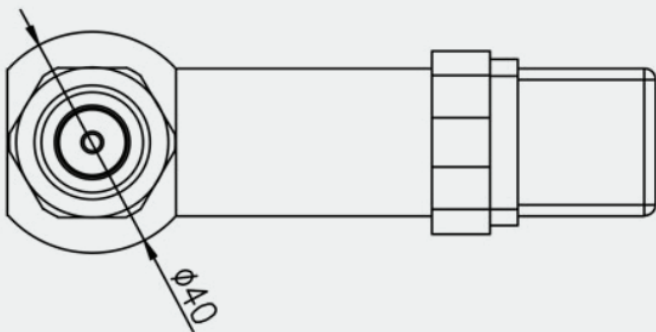
NEOWAVE TxDP35 differential pressure transmitter employs silicon piezoresistive differential pressure sensors as its core components, generating standard industrial signals via temperature compensation, digital circuit correction, and signal conditioning. Featuring an all-stainless steel shell for robust corrosion resistance, this product showcases advanced design, flawless technology, and stable reliability, finding extensive utility in industrial process control, flow measurement, medical instruments, aerodynamic measurement, hydraulic, pneumatic equipment, and beyond.

Feature:

- Space-efficient design facilitates easy installation
- Demonstrates exceptional stability with minimal drift
- Offers a variety of structures for selection
- Suitable for use across industrial applications

Application:

It finds extensive application in conducting differential pressure tests for liquids and water, including flow testing, water treatment, mine drainage pressure testing, hydropower station water heat management, city flood control and drainage, underwater engineering and testing, water-saving irrigation, central air-conditioning terminal control, and more.

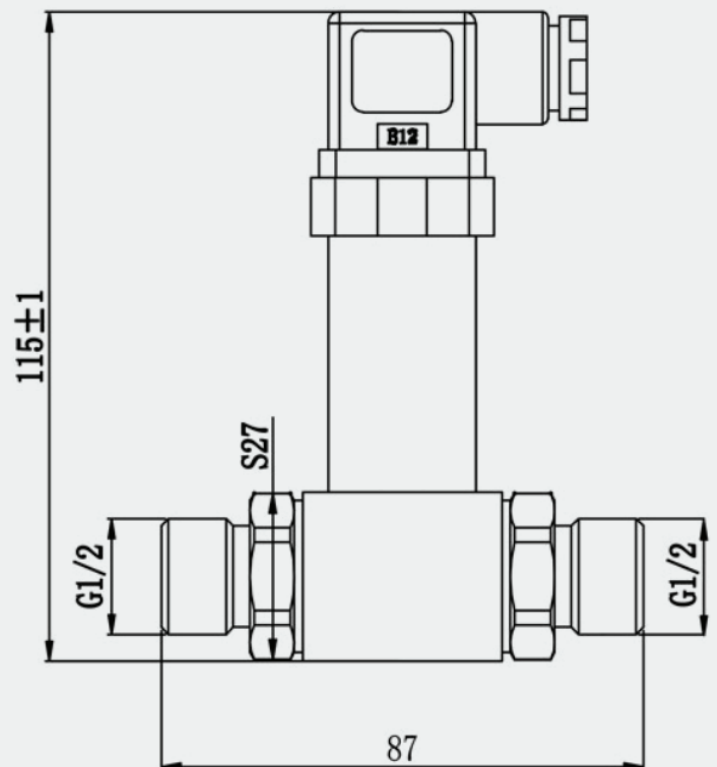


TxDP35

Differential Pressure Transmitter



Dimensions:





NEOWAVE®

Differential Pressure Transmitter

NEOWAVE Differential Pressure Transmitter TxDP35

Specifications:

Measurement Range	10~0kPa...3.5MPa		
Overload Pressure	1.5times of full scales		
Accuracy	$\pm 0.25\%$ F.S.(100kPa~3.5MPa) / $\pm 0.5\%$ F.S.(0~100kPa)		
Stability	< 0.5%F.S./Year		
Working Temperature	-10°C~60°C		
Storage temperature	-40°C~100°C		
Medium	Gas or liquid compatible with S304, 316L, fluoro rubber or nitrile rubber		
Electrical connections	Two-wired	Three-wired	Four-wired
Output signal	4~20mA	0~10V	RS485
Power supply	10~36VDC	12~36VDC	10~30VDC
Electrical connection	DIN43650A (Big Hirschmann), M12 Waterproof outlet, GX12 aviation connector(three cores/four cores), M12 four-core aviation connector		
Pressure Connection	G1/4、NPT1/4、R1/4、G1/2、7/16-20UNF、M20*1.5、M10*1、M14*1.5 etc.		
Pressure Form	Differential ressure D		
Protection class	IP65		
Certification	RoHS, EU electrical safety standards CE		



Order Informations:

TxDP35	Code and description	Remark
	Differential Pressure Transmitter	Model
Range	0~10kPa...3.5MPa	Range
A	A = 4~20mA (Two-wired)	Output Mode
V10	V10 = 0~10V (Three-wired)	
RS	RS = RS485 (Four-wired)	
K	K = kPa	Unit
P	P = psi	
B	B = bar	
M	M = MPa	
0.25	0.25 = 0.25%F.S.	Accuracy
0.5	0.5 = 0.5%F.S.	
D	D = DIN43650A (Big Hirschmann)	Electrical connection
M	M = M12 Waterproof outlet	
C3	C3=GX12 three cores aviation connector	
C4	C4=GX12 four cores aviation connector	
H	H = M12 four cores aviation connector	
G	G = G1/4	Pressure connection
N	N = NPT1/4	
G2	G2 = G1/2	
M20	M20 = M20*1.5	
M14	M14 = M14*1.5	
M10	M10 = M10*1	
U	U = 7/16-20UNF External thread	
R	R = R1/4	
1	1.0 = 1m	Cable length
2	2.0 = 2m	
3	3.0 = 3m	