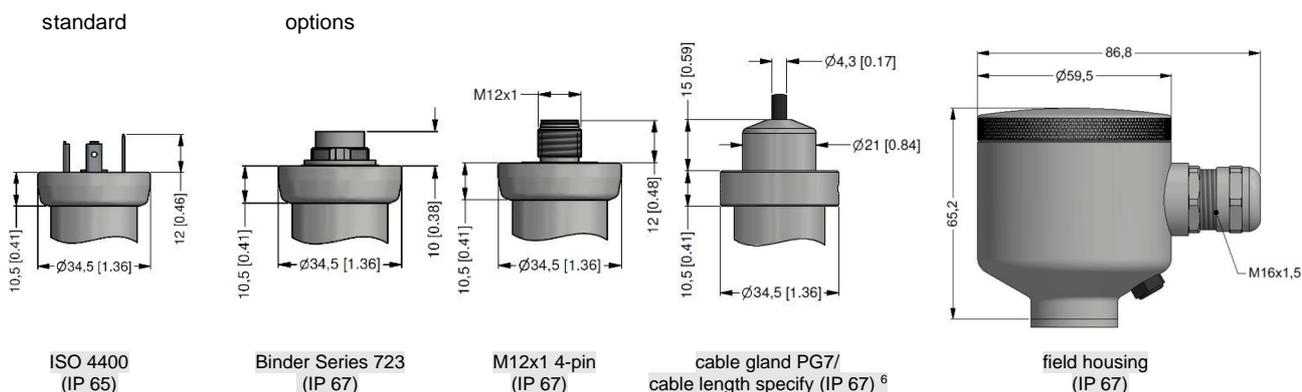


Materials		
Pressure port	stainless steel 1.4542 (17-4 PH)	
Housing	stainless steel 1.4404 (316L)	
Option field housing	stainless steel 1.4301 (304); cable gland M16x1.5, brass, nickel plated (clamping range 2 ... 8 mm)	
Seals	none (welded)	
Diaphragm	stainless steel 1.4542 (17-4 PH)	
Media wetted parts	pressure port, diaphragm	
Miscellaneous		
Current consumption	signal output current: max. 25 mA	
Weight	approx. 300 g	
Installation position	any	
Operational life	$p_N = 600$ bar: 100 million load cycles	$p_N > 600$ bar: 10 million load cycles
CE-conformity	EMC Directive: 2014/30/EU	Pressure Equipment Directive: 2014/68/EU (module A)

ELECTRICAL CONNECTION

Wiring diagrams							
2-wire-system (current)							
Pin configuration							
Electrical connections		ISO 4400	Binder 723 (5-pin)	Binder 723/423 (7-pin)	M12x1/ metal (4-pin)	field housing	cable colours (IEC 60757)
	Supply +	1	3	3	1	$V_S +$	WH (white)
	Supply -	2	4	1	2	$V_S -$	BN (brown)
	Shield	ground pin \oplus	5	2	4	GND \oplus	GNYE (green-yellow)
Communication interface ⁵	RxD	-	-	4	-	-	-
	TxD	-	-	5	-	-	-
	GND	-	-	7	-	-	-

⁵ may not be connected directly with the PC (the suitable adapter is available as accessory)



— universal field housing in stainless steel 1.4404 (316 L) with cable gland M20x1.5 (ordering code 880) and other versions on request

⁶ standard: 2 m PVC cable (without ventilation tube, permissible temperature: -5 ... 70 °C)



Pressure transmitters

1 - only available with pressure port G1/2" EN 837

2 - according to EN 837, the pressure port and the complement, at pressure over 1000 bar must be preferably made of stainless steel with a tensile strength of $RP > 260 \text{ N/mm}^2$ in accordance with DIN 17440. The maximum allowed pressure is 1600 bar!

3 - RS-232 interface only possible with el. connection Binder serie 723/423 (7pin)

Software, Interface and cable for DMP 334i with option RS-232 have to be order separately

(Ordering code: CIS Set 510; Software appropriate for Windows® 95, 98, 2000, NT Version 4.0 or newer and XP)

Manufacturer reserves the right to change sensor specifications without further notice.

The manufacturer provides the EU declaration of conformity.

Calibration - All production undergoes output control, which is performed by comparison with standards. The traceability of standards and working gauges is ensured in accordance with Act No. 505/1990, as amended, on metrology.

The manufacturer offers the possibility to supply sensors calibrated in the calibration laboratory, accredited according to SN EN ISO / IEC 17025: 2018.

