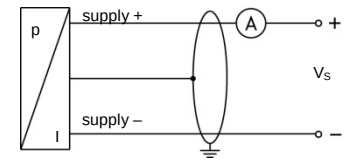
MCT/RAM Providing Engineered Solutions Since 1984
2 West Main Street
Victor, NY 14564
585-461-2110
sales@mctram.com

Miscellaneous	
Option oxygen application	for $P_N \leq 25$ bar: O-ring in FKM Vi 567 (with BAM-approval); permissible maximum values are 25 bar / 150° C
Current consumption	max. 25 mA
Weight	approx. 140 g (with ISO 4400)
Installation position	any
Operational life	> 100 x 10^6 pressure cycles
CE-conformity	EMC Directive: 2004/108/EC Pressure Equipment Directive: 97/23/EC (module A) [5]
ATEX-directive	94/9/EC

[5] *This directive is only valid for devices with maximum permissible overpressure > 200 bar*

Wiring diagram

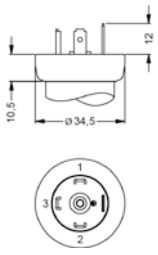
2-wire-system (current)



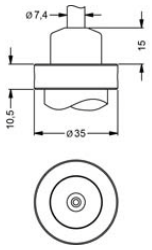
Pin configuration

Electrical connection	ISO 4400	Field housing	Cable colours (DIN 47100)
Supply + Supply –	1 2	IN + IN -	wh (white) bn (brown)
Shield	ground pin	⏚	ye/gn (yellow / green)

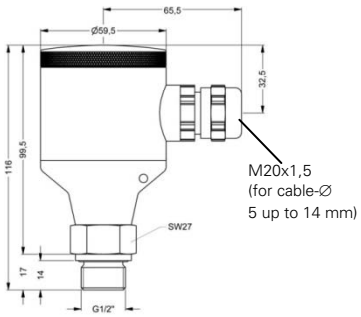
Electrical connections [6] (dimensions in mm)



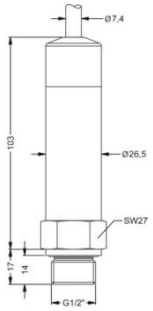
ISO 4400
(IP 65)



cable outlet [7, 8]
(IP 68)



universal field housing
(IP 67)

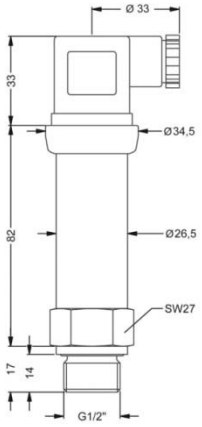


submersible version [8]
(IP 68)

[6] *Generally shielded cable has to be used! Cable versions are delivered with shielded cable. For ISO 4400 the use of shielded cable is compulsory.*
[7] *tested at 4 bar or 40 mH_2O for 24 hours*
[8] *shielded cable with integrated air tube for atmospheric reference (for nominal pressure ranges absolute, the air tube is closed); different lengths available*

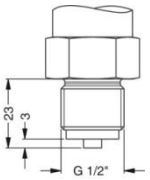
Mechanical connection (dimensions in mm)

standard

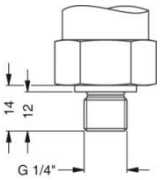


G1/2" DIN 3852

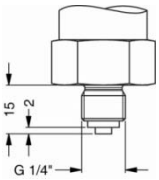
option



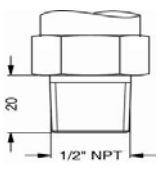
G1/2" EN 837



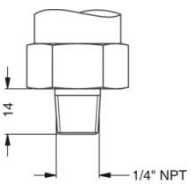
G 1/4" DIN 3852



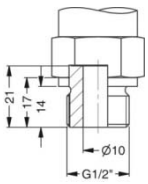
G1/4" EN 837



1/2" NPT



1/4" NPT



G ½" open port
DIN 3852 (≤ 40 bar)