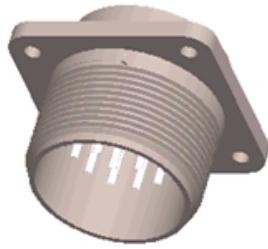


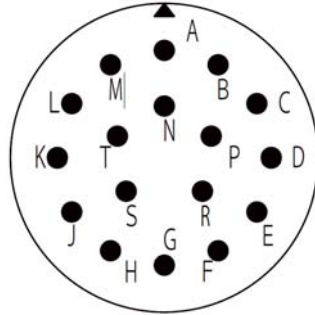
Output Signal: HTL
 Connection: Flange Socket

Connection Layout: **AY**
 Electrical Connection: 4IS17



Connection
 Geometry
 (plug side):

140



Pin number	Symbol		Signal		Full name
ピン番号	記号		信号		
A	Ua1	(A)	Incremental	インクリメンタル	Square-wave signal Ua1
B	Ua0	(Z)	Reference	原点信号	Square-wave signal Ua0
C	Ua2	(B)	Incremental	インクリメンタル	Square-wave signal Ua2
H	Up	(+Vcc)	Supply +V (Up)	供給電源(+)	Supply +V (Up)
K	0V	0V	Supply 0V (Un)	供給電源(-)	Supply 0V (Un)
N	$\overline{\text{Ua1}}$	$\overline{\text{(A)}}$	Incremental	インクリメンタル	Square-wave signal Ua1 inverse
P	$\overline{\text{Ua0}}$	$\overline{\text{(Z)}}$	Reference	原点信号	Square-wave signal Ua0 inverse
R	$\overline{\text{Ua2}}$	$\overline{\text{(B)}}$	Incremental	インクリメンタル	Square-wave signal Ua2 inverse
F	Sensor Up		Supply +V (sensor line)	センサ Up	Supply +V (sensor line)
M	Sensor 0V		Supply 0V (sensor line)	センサ 0V	Supply 0V (sensor line)
S	$\overline{\text{UaS}}$		fault detection signal	アラーム信号	Square-wave signal UaS inverse
Flange, housing			External Shield		External Shield
D,E,G,J,L,T	--	--	Vacant Pins		

* Vacant pins or wires must not be used!

Connection layout AY 4IS17 HTL			Pin Layout		Change No: C029247-15
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HEIDENHAIN DR. JOHANNES HEIDENHAIN GmbH 83301 Traunreut, Germany			Serial production	Version	Revision
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